# Tufpet PBT G1010

### Polybutylene Terephthalate

Mitsubishi Rayon America Inc.

#### Message:

Tufpet PBT G1010 is a Polybutylene Terephthalate (PBT) material filled with 10% glass fiber. It is available in North America for injection molding. Important attributes of Tufpet PBT G1010 are: Flame Rated Chemical Resistant Good Dimensional Stability Good Processability Heat Resistant

General Information	
UL YellowCard	E54695-244740
Filler / Reinforcement	Glass Fiber,10% Filler by Weight
Features	General Purpose
	Good Chemical Resistance
	Good Dimensional Stability
	Good Electrical Properties
	Good Moldability
	High Gloss
	High Heat Resistance
	Low to No Water Absorption

Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.50 to 1.7	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	78.5	MPa	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	3920	MPa	ASTM D790
Flexural Strength	127	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	39	J/m	ASTM D256
Unnotched Izod Impact	340	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	200	°C	ASTM D648

0.760 mm   75.0   *C     1.57 mm   75.0   *C     3.18 mm   75.0   *C     0.760 mm   75.0   *C     0.760 mm   75.0   *C     1.57 mm   75.0   *C     1.57 mm   75.0   *C     1.57 mm   75.0   *C     3.18 mm   75.0   *C     0.760 mm   75.0   *C     0.760 mm   75.0   *C     1.57 mm   HB   UL 94     1.60 mm   HB   UL 94     1.91 mm   100 mm   Value     1.91 mm   101 mm   UL 94																																																																																																																												
157 mm   75.0   "C     3.18 mm   75.0   "C     0.760 mm   75.0   "C     1.57 mm   75.0   "C     3.18 mm   75.0   "C     3.18 mm   75.0   "C     3.18 mm   75.0   "C     0.760 mm   75.0   "C     0.760 mm   75.0   "C     1.57 mm   75.0   "C     1.57 mm   75.0   "C     1.57 mm   75.0   "C     1.57 mm   75.0   "C     3.18 mm   75.0   "C     1.57 mm   75.0   "C     0.760 mm   HB   UL 94     1.57 mm   400   "C     1.97 mm   160   "C     1.97 mm   160   "C     1.97 mm   120 103   "C     1.97 mm   130 1030   "C     1.9	RTI Elec			UL 746																																																																																																																								
3.18 mm   75.0   "C     RTI Imp   UL 746     0.760 mm   75.0   "C     1.57 mm   75.0   "C     3.18 mm   75.0   "C     1.87 mm   75.0   "C     0.760 mm   75.0   "C     0.760 mm   75.0   "C     1.57 mm   75.0   "C     1.57 mm   75.0   "C     1.57 mm   75.0   "C     1.57 mm   75.0   "C     1.88 mm   75.0   "C     0.760 mm   150   "C     1.57 mm   Nominal Value   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     1.57 mm   HB   UL 94     1.57 mm   HB   UL 94     1.90 mm   HB   UL 94     Drying Temperature   20 to 303   "C     Drying Time   20 to 303   "C     Midel Temperature   20 to 303   "C     Midel Temperature   40 to 100   "C <tr td="">   Midel Temperature   <td< td=""><td>0.760 mm</td><td>75.0</td><td>°C</td><td></td></td<></tr> <tr><td>RTI Imp   UL 746     0.760 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     RTI Str   UL 746     0.760 mm   75.0   °C     0.760 mm   75.0   °C     1.57 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     1.57 mm   Rating   °C     0.760 mm   Nominal Value   °C     0.760 mm   HB   'UL 94     1.57 mm   Q1040   'N'IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>1.57 mm</td><td>75.0</td><td>°C</td><td></td></tr> <tr><td>0.760 mm     75.0     °C       1.57 mm     75.0     °C       3.18 mm     75.0     °C       3.18 mm     75.0     °C       0.760 mm     75.0     °C       0.760 mm     75.0     °C       1.57 mm     75.0     °C       1.57 mm     75.0     °C       3.18 mm     75.0     °C       1.57 mm     75.0     °C       3.18 mm     75.0     °C       1.57 mm     75.0     °C       0.760 mm     Nominal Value     V       0.760 mm     HB     UL 94       0.760 mm     HB     UL 94       1.57 mm     HB     UL 94       1.57 mm     HB     UL 94       1.57 mm     HB     UL 94       0.760 mm     HB     UL 94       0.760 mm     Q0 to 303     °C       0.700 mm     S0 to 303     °C       0.701 mm     2.0     Norticaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa</td><td>3.18 mm</td><td>75.0</td><td>°C</td><td></td></tr> <tr><td>1.57 mm   75.0   °C     3.18 mm   75.0   °C     RTI Str   UL 746     0.760 mm   75.0   °C     1.57 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     3.18 mm   75.0   °C     3.18 mm   75.0   °C     Flame Rating   Vominal Value   Test Method     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     1.57 mm   L0 00000000000000000000000000000000000</td><td>RTI Imp</td><td></td><td></td><td>UL 746</td></tr> <tr><td>3.18 mm   75.0   °C     RTI Str   UL 746     0.760 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     3.18 mm   75.0   °C     3.18 mm   75.0   °C     1.57 mm   75.0   °C     Flame Rating   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     0.760 mm   HB   UL 94     1.97 mm   0.00000000000000000000000000000000000</td><td>0.760 mm</td><td>75.0</td><td>°C</td><td></td></tr> <tr><td>KTI Str   UL 746     0.760 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     3.18 mm   75.0   °C     Flammability   Nominal Value   Test Method     Flame Rating   UL 94   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     1.57 mm   HB   UL 94     3.18 mm   HB   UL 94     0.760 nm   HB   UL 94     1.57 mm   HB   UL 94     0.760 nm   100   C     1.57 mm   B0 001   VI 94     0.760 nm   100   C     1.57 mm   20 001   C     0.760 nm   100   C     0.760 nm   20 001   C</td><td>1.57 mm</td><td>75.0</td><td>°C</td><td></td></tr> <tr><td>0.760 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     Flammability   Nominal Value   Test Method     Flame Rating   UL 94   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     3.18 mm   HB   UL 94     3.18 mm   HB   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     3.18 mm   HB   UL 94     Drying Temperature   200 x030   °C     Drying Time   2.0   hr   Intercen</td><td>3.18 mm</td><td>75.0</td><td>°C</td><td></td></tr> <tr><td>1.57 mm   75.0   °C     3.18 mm   75.0   °C     Flammability   Nominal Value   Test Method     Flam Rating   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   Import     3.18 mm   HB   Import     3.18 mm   HB   Import     1.57 mm   Nominal Value   Unit     1.57 mm   140   °C     3.18 mm   140   °C     Drying Temperature   2.0   hr     Drying Time   2.0   °C     Middle Temperature   230 to 303   °C     Front Temperature   2.0 to 303   °C     Mold Temperature   81.4   MPa</td><td>RTI Str</td><td></td><td></td><td>UL 746</td></tr> <tr><td>3.18 mm75.0°CFlammabilityNominal ValueTest MethodFlame RatingUL 940.760 mmHB</td><td>0.760 mm</td><td>75.0</td><td>°C</td><td></td></tr> <tr><td>Flammability     Nominal Value     Test Method       Flame Rating     UL 94       0.760 mm     HB       1.57 mm     HB       3.18 mm     HB       1.jogetion     Nominal Value       Injection     Nominal Value       Drying Temperature     140       2.0     hr       Rear Temperature     230 to 303       You Sold Sold Sold Sold Sold Sold Sold Sold</td><td>1.57 mm</td><td>75.0</td><td>°C</td><td></td></tr> <tr><td>Flame Rating     UL 94       0.760 mm     HB       1.57 mm     HB       3.18 mm     HB       Injection     Nominal Value       Drying Temperature     140       0.760 mg     °C       Drying Time     2.0       Rear Temperature     230 to 303       You Sold     °C       Front Temperature     230 to 303       Mold Temperature     814       Mold Temperature     814</td><td>3.18 mm</td><td>75.0</td><td>°C</td><td></td></tr> <tr><td>0.760 mmHB1.57 mmHB3.18 mmHBInjectionNominal ValueUnitDrying Temperature140°CDrying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CMold Temperature81.4MPa</td><td>Flammability</td><td>Nominal Value</td><td></td><td>Test Method</td></tr> <tr><td>1.57 mmHB3.18 mmHBInjectionNominal ValueUnitDrying Temperature140°CDrying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CMold Temperature81.4MPa</td><td>Flame Rating</td><td></td><td></td><td>UL 94</td></tr> <tr><td>3.18 mmHBInjectionNominal ValueUnitDrying Temperature140°CDrying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CMold Temperature81.4MPa</td><td>0.760 mm</td><td>НВ</td><td></td><td></td></tr> <tr><td>InjectionNominal ValueUnitDrying Temperature140°CDrying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa</td><td>1.57 mm</td><td>НВ</td><td></td><td></td></tr> <tr><td>Drying Temperature140°CDrying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa</td><td>3.18 mm</td><td>НВ</td><td></td><td></td></tr> <tr><td>Drying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa</td><td>Injection</td><td>Nominal Value</td><td>Unit</td><td></td></tr> <tr><td>Rear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa</td><td>Drying Temperature</td><td>140</td><td>°C</td><td></td></tr> <tr><td>Middle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa</td><td>Drying Time</td><td>2.0</td><td>hr</td><td></td></tr> <tr><td>Front Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa</td><td>Rear Temperature</td><td>230 to 303</td><td>°C</td><td></td></tr> <tr><td>Mold Temperature40.0 to 100°CInjection Pressure81.4MPa</td><td>Middle Temperature</td><td>230 to 303</td><td>°C</td><td></td></tr> <tr><td>Injection Pressure 81.4 MPa</td><td>Front Temperature</td><td>230 to 303</td><td>°C</td><td></td></tr> <tr><td></td><td>Mold Temperature</td><td>40.0 to 100</td><td>°C</td><td></td></tr> <tr><td>Screw Speed 80 rpm</td><td>Injection Pressure</td><td>81.4</td><td>MPa</td><td></td></tr> <tr><td></td><td>Screw Speed</td><td>00</td><td></td><td></td></tr>	0.760 mm	75.0	°C		RTI Imp   UL 746     0.760 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     RTI Str   UL 746     0.760 mm   75.0   °C     0.760 mm   75.0   °C     1.57 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     1.57 mm   Rating   °C     0.760 mm   Nominal Value   °C     0.760 mm   HB   'UL 94     1.57 mm   Q1040   'N'IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	1.57 mm	75.0	°C		0.760 mm     75.0     °C       1.57 mm     75.0     °C       3.18 mm     75.0     °C       3.18 mm     75.0     °C       0.760 mm     75.0     °C       0.760 mm     75.0     °C       1.57 mm     75.0     °C       1.57 mm     75.0     °C       3.18 mm     75.0     °C       1.57 mm     75.0     °C       3.18 mm     75.0     °C       1.57 mm     75.0     °C       0.760 mm     Nominal Value     V       0.760 mm     HB     UL 94       0.760 mm     HB     UL 94       1.57 mm     HB     UL 94       1.57 mm     HB     UL 94       1.57 mm     HB     UL 94       0.760 mm     HB     UL 94       0.760 mm     Q0 to 303     °C       0.700 mm     S0 to 303     °C       0.701 mm     2.0     Norticaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	3.18 mm	75.0	°C		1.57 mm   75.0   °C     3.18 mm   75.0   °C     RTI Str   UL 746     0.760 mm   75.0   °C     1.57 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     3.18 mm   75.0   °C     3.18 mm   75.0   °C     Flame Rating   Vominal Value   Test Method     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     1.57 mm   L0 00000000000000000000000000000000000	RTI Imp			UL 746	3.18 mm   75.0   °C     RTI Str   UL 746     0.760 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     3.18 mm   75.0   °C     3.18 mm   75.0   °C     1.57 mm   75.0   °C     Flame Rating   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     0.760 mm   HB   UL 94     1.97 mm   0.00000000000000000000000000000000000	0.760 mm	75.0	°C		KTI Str   UL 746     0.760 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     3.18 mm   75.0   °C     Flammability   Nominal Value   Test Method     Flame Rating   UL 94   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     1.57 mm   HB   UL 94     3.18 mm   HB   UL 94     0.760 nm   HB   UL 94     1.57 mm   HB   UL 94     0.760 nm   100   C     1.57 mm   B0 001   VI 94     0.760 nm   100   C     1.57 mm   20 001   C     0.760 nm   100   C     0.760 nm   20 001   C	1.57 mm	75.0	°C		0.760 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     Flammability   Nominal Value   Test Method     Flame Rating   UL 94   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     3.18 mm   HB   UL 94     3.18 mm   HB   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     3.18 mm   HB   UL 94     Drying Temperature   200 x030   °C     Drying Time   2.0   hr   Intercen	3.18 mm	75.0	°C		1.57 mm   75.0   °C     3.18 mm   75.0   °C     Flammability   Nominal Value   Test Method     Flam Rating   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   Import     3.18 mm   HB   Import     3.18 mm   HB   Import     1.57 mm   Nominal Value   Unit     1.57 mm   140   °C     3.18 mm   140   °C     Drying Temperature   2.0   hr     Drying Time   2.0   °C     Middle Temperature   230 to 303   °C     Front Temperature   2.0 to 303   °C     Mold Temperature   81.4   MPa	RTI Str			UL 746	3.18 mm75.0°CFlammabilityNominal ValueTest MethodFlame RatingUL 940.760 mmHB	0.760 mm	75.0	°C		Flammability     Nominal Value     Test Method       Flame Rating     UL 94       0.760 mm     HB       1.57 mm     HB       3.18 mm     HB       1.jogetion     Nominal Value       Injection     Nominal Value       Drying Temperature     140       2.0     hr       Rear Temperature     230 to 303       You Sold Sold Sold Sold Sold Sold Sold Sold	1.57 mm	75.0	°C		Flame Rating     UL 94       0.760 mm     HB       1.57 mm     HB       3.18 mm     HB       Injection     Nominal Value       Drying Temperature     140       0.760 mg     °C       Drying Time     2.0       Rear Temperature     230 to 303       You Sold     °C       Front Temperature     230 to 303       Mold Temperature     814       Mold Temperature     814	3.18 mm	75.0	°C		0.760 mmHB1.57 mmHB3.18 mmHBInjectionNominal ValueUnitDrying Temperature140°CDrying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CMold Temperature81.4MPa	Flammability	Nominal Value		Test Method	1.57 mmHB3.18 mmHBInjectionNominal ValueUnitDrying Temperature140°CDrying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CMold Temperature81.4MPa	Flame Rating			UL 94	3.18 mmHBInjectionNominal ValueUnitDrying Temperature140°CDrying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CMold Temperature81.4MPa	0.760 mm	НВ			InjectionNominal ValueUnitDrying Temperature140°CDrying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa	1.57 mm	НВ			Drying Temperature140°CDrying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa	3.18 mm	НВ			Drying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa	Injection	Nominal Value	Unit		Rear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa	Drying Temperature	140	°C		Middle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa	Drying Time	2.0	hr		Front Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa	Rear Temperature	230 to 303	°C		Mold Temperature40.0 to 100°CInjection Pressure81.4MPa	Middle Temperature	230 to 303	°C		Injection Pressure 81.4 MPa	Front Temperature	230 to 303	°C			Mold Temperature	40.0 to 100	°C		Screw Speed 80 rpm	Injection Pressure	81.4	MPa			Screw Speed	00		
0.760 mm	75.0	°C																																																																																																																										
RTI Imp   UL 746     0.760 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     RTI Str   UL 746     0.760 mm   75.0   °C     0.760 mm   75.0   °C     1.57 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     1.57 mm   Rating   °C     0.760 mm   Nominal Value   °C     0.760 mm   HB   'UL 94     1.57 mm   Q1040   'N'IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	1.57 mm	75.0	°C																																																																																																																									
0.760 mm     75.0     °C       1.57 mm     75.0     °C       3.18 mm     75.0     °C       3.18 mm     75.0     °C       0.760 mm     75.0     °C       0.760 mm     75.0     °C       1.57 mm     75.0     °C       1.57 mm     75.0     °C       3.18 mm     75.0     °C       1.57 mm     75.0     °C       3.18 mm     75.0     °C       1.57 mm     75.0     °C       0.760 mm     Nominal Value     V       0.760 mm     HB     UL 94       0.760 mm     HB     UL 94       1.57 mm     HB     UL 94       1.57 mm     HB     UL 94       1.57 mm     HB     UL 94       0.760 mm     HB     UL 94       0.760 mm     Q0 to 303     °C       0.700 mm     S0 to 303     °C       0.701 mm     2.0     Norticaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	3.18 mm	75.0	°C																																																																																																																									
1.57 mm   75.0   °C     3.18 mm   75.0   °C     RTI Str   UL 746     0.760 mm   75.0   °C     1.57 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     3.18 mm   75.0   °C     3.18 mm   75.0   °C     Flame Rating   Vominal Value   Test Method     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     1.57 mm   L0 00000000000000000000000000000000000	RTI Imp			UL 746																																																																																																																								
3.18 mm   75.0   °C     RTI Str   UL 746     0.760 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     3.18 mm   75.0   °C     3.18 mm   75.0   °C     1.57 mm   75.0   °C     Flame Rating   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     0.760 mm   HB   UL 94     1.97 mm   0.00000000000000000000000000000000000	0.760 mm	75.0	°C																																																																																																																									
KTI Str   UL 746     0.760 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     3.18 mm   75.0   °C     Flammability   Nominal Value   Test Method     Flame Rating   UL 94   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     1.57 mm   HB   UL 94     3.18 mm   HB   UL 94     0.760 nm   HB   UL 94     1.57 mm   HB   UL 94     0.760 nm   100   C     1.57 mm   B0 001   VI 94     0.760 nm   100   C     1.57 mm   20 001   C     0.760 nm   100   C     0.760 nm   20 001   C	1.57 mm	75.0	°C																																																																																																																									
0.760 mm   75.0   °C     1.57 mm   75.0   °C     3.18 mm   75.0   °C     Flammability   Nominal Value   Test Method     Flame Rating   UL 94   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     3.18 mm   HB   UL 94     3.18 mm   HB   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   UL 94     3.18 mm   HB   UL 94     Drying Temperature   200 x030   °C     Drying Time   2.0   hr   Intercen	3.18 mm	75.0	°C																																																																																																																									
1.57 mm   75.0   °C     3.18 mm   75.0   °C     Flammability   Nominal Value   Test Method     Flam Rating   UL 94     0.760 mm   HB   UL 94     1.57 mm   HB   Import     3.18 mm   HB   Import     3.18 mm   HB   Import     1.57 mm   Nominal Value   Unit     1.57 mm   140   °C     3.18 mm   140   °C     Drying Temperature   2.0   hr     Drying Time   2.0   °C     Middle Temperature   230 to 303   °C     Front Temperature   2.0 to 303   °C     Mold Temperature   81.4   MPa	RTI Str			UL 746																																																																																																																								
3.18 mm75.0°CFlammabilityNominal ValueTest MethodFlame RatingUL 940.760 mmHB	0.760 mm	75.0	°C																																																																																																																									
Flammability     Nominal Value     Test Method       Flame Rating     UL 94       0.760 mm     HB       1.57 mm     HB       3.18 mm     HB       1.jogetion     Nominal Value       Injection     Nominal Value       Drying Temperature     140       2.0     hr       Rear Temperature     230 to 303       You Sold Sold Sold Sold Sold Sold Sold Sold	1.57 mm	75.0	°C																																																																																																																									
Flame Rating     UL 94       0.760 mm     HB       1.57 mm     HB       3.18 mm     HB       Injection     Nominal Value       Drying Temperature     140       0.760 mg     °C       Drying Time     2.0       Rear Temperature     230 to 303       You Sold     °C       Front Temperature     230 to 303       Mold Temperature     814       Mold Temperature     814	3.18 mm	75.0	°C																																																																																																																									
0.760 mmHB1.57 mmHB3.18 mmHBInjectionNominal ValueUnitDrying Temperature140°CDrying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CMold Temperature81.4MPa	Flammability	Nominal Value		Test Method																																																																																																																								
1.57 mmHB3.18 mmHBInjectionNominal ValueUnitDrying Temperature140°CDrying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CMold Temperature81.4MPa	Flame Rating			UL 94																																																																																																																								
3.18 mmHBInjectionNominal ValueUnitDrying Temperature140°CDrying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CMold Temperature81.4MPa	0.760 mm	НВ																																																																																																																										
InjectionNominal ValueUnitDrying Temperature140°CDrying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa	1.57 mm	НВ																																																																																																																										
Drying Temperature140°CDrying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa	3.18 mm	НВ																																																																																																																										
Drying Time2.0hrRear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa	Injection	Nominal Value	Unit																																																																																																																									
Rear Temperature230 to 303°CMiddle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa	Drying Temperature	140	°C																																																																																																																									
Middle Temperature230 to 303°CFront Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa	Drying Time	2.0	hr																																																																																																																									
Front Temperature230 to 303°CMold Temperature40.0 to 100°CInjection Pressure81.4MPa	Rear Temperature	230 to 303	°C																																																																																																																									
Mold Temperature40.0 to 100°CInjection Pressure81.4MPa	Middle Temperature	230 to 303	°C																																																																																																																									
Injection Pressure 81.4 MPa	Front Temperature	230 to 303	°C																																																																																																																									
	Mold Temperature	40.0 to 100	°C																																																																																																																									
Screw Speed 80 rpm	Injection Pressure	81.4	MPa																																																																																																																									
	Screw Speed	00																																																																																																																										

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Recommended distributors for this material

# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

