

TUFBET® BXXIC

Polybutylene Terephthalate

SRF Ltd.

Message:

TUFBET® BXXIC is a Polybutylene Terephthalate (PBT) product. It can be processed by injection molding and is available in Africa & Middle East. Applications of TUFBET® BXXIC include automotive and electrical/electronic applications.

Characteristics include:

- Chemical Resistant
- Good Aesthetics
- Good Mold Release
- Good Processability
- High Gloss

General Information			
Features	Good Chemical Resistance		
	Good Electrical Properties		
	Good Mold Release		
	Good Processability		
	Good Surface Finish		
	High Gloss		
Uses	Automotive Applications		
	Automotive Exterior Trim		
	Connectors		
	Electrical Parts		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
Molding Shrinkage - Flow (23°C, 3.00 mm)	1.8 to 2.2	%	ASTM D955
Water Absorption (Equilibrium, 23°C, 50%RH)	0.10	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	60.0	MPa	ASTM D638
Flexural Modulus (23°C)	2300	MPa	ASTM D790
Flexural Strength (23°C)	85.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	54	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	160	°C	

1.8 MPa, Unannealed	60.0	°C	
Melting Temperature	226	°C	ASTM D2117
Injection	Nominal Value	Unit	
Drying Temperature	120	°C	
Drying Time	3.0	hr	
Rear Temperature	225	°C	
Middle Temperature	230	°C	
Front Temperature	235	°C	
Nozzle Temperature	235	°C	
Mold Temperature	60.0 to 80.0	°C	
Injection Pressure	88.3 to 118	MPa	

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

