TES J-1200/30/VO

Acrylonitrile Butadiene Styrene

Techmer Engineered Solutions

Message:

Molding Parameters:
For 2-zone machines, the rear temperature is 450-520°F, and the front temperature is 420-470°F.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Flame Retardant		
Features	Good Dimensional Stability Good Impact Resistance		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.41	g/cm³	ASTM D792
Molding Shrinkage - Flow			ASTM D955
3.18 mm	0.060	%	
6.35 mm	0.13	%	
Water Absorption (24 hr)	0.21	%	ASTM D570
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (M-Scale)	64		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (23°C)	6000	MPa	ASTM D638
Tensile Strength (Break, 23°C)	91.7	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	2.7	%	ASTM D638
Flexural Modulus (23°C)	7240	MPa	ASTM D790
Flexural Strength (Break, 23°C)	114	MPa	ASTM D790
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	107	°C	
1.8 MPa, Unannealed	101	°C	
Flammability	**Nominal Value**		**Test Method**
Flame Rating (1.59 mm)	V-0		UL 94
Injection	**Nominal Value**	**Unit**	
Drying Temperature	71.1	°C	
Drying Time	1.0	hr	
Rear Temperature	216 to 232	°C	

Middle Temperature	221 to 238	°C
Front Temperature	210 to 221	°C
Nozzle Temperature	199 to 221	°C
Processing (Melt) Temp	232 to 260	°C
Mold Temperature	71.1 to 87.8	°C

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