

TECHNO ABS F5330G20

Acrylonitrile Butadiene Styrene

Techno Polymer Co, Ltd.

Message:

TECHNO ABS F5330G20 is an acrylonitrile butadiene styrene (ABS) product, which contains a 20% glass fiber reinforced material. It can be processed by injection molding and is available in North America or Asia Pacific.

Features include:

flame retardant/rated flame

Flame Retardant

General Information			
UL YellowCard	E54297-244191		
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Additive	Flame retardancy		
Features	Flame retardancy		
UL File Number	E54297		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.33	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	70	g/10 min	ISO 1133
Molding Shrinkage	0.20 - 0.40	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	82.0	MPa	ISO 527-2
Flexural Modulus	5720	MPa	ISO 178
Flexural Stress	132	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	7.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	82.0	°C	ISO 75-2/B
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm, ALL	V-0		UL 94
2.50 mm, ALL	5VA		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0 - 90.0	°C	
Drying Time	2.0 - 5.0	hr	
Rear Temperature	180 - 210	°C	
Middle Temperature	180 - 210	°C	

Front Temperature	180 - 210	°C
Mold Temperature	50.0 - 100	°C

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

