

TECHNO ABS F5170

Acrylonitrile Butadiene Styrene

Techno Polymer Co, Ltd.

Message:

TECHNO ABS F5170 is an Acrylonitrile Butadiene Styrene (ABS) product. It can be processed by injection molding and is available in Asia Pacific or North America.

Characteristics include:

Flame Rated

Flame Retardant

High Flow

General Information			
UL YellowCard	E54297-100131778		
Additive	Flame Retardant		
Features	Flame Retardant		
	High Flow		
UL File Number	E54297		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	33	g/10 min	ISO 1133
Molding Shrinkage	0.40 to 0.60	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	47.0	MPa	ISO 527-2
Flexural Modulus	2330	MPa	ISO 178
Flexural Stress	70.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	12	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	75.0	°C	ISO 75-2/B
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.00 mm, ALL	V-0		
1.50 mm, ALL	5VB		
Injection	Nominal Value	Unit	
Drying Temperature	75.0 to 85.0	°C	
Drying Time	2.0 to 5.0	hr	

Rear Temperature	180 to 210	°C
Middle Temperature	180 to 210	°C
Front Temperature	180 to 210	°C
Mold Temperature	40.0 to 80.0	°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

