

TECHNO ABS 543

Acrylonitrile Butadiene Styrene

Techno Polymer Co, Ltd.

Message:

TECHNO ABS 543 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

Heat Resistant

General Information			
UL YellowCard	E54297-536774		
Features	High Heat Resistance		
UL File Number	E54297		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183, ASTM D1505
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	2.9	g/10 min	ISO 1133
Molding Shrinkage	0.40 to 0.70	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	107		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	47.0	MPa	ISO 527-2
Flexural Modulus	2360	MPa	ISO 178
Flexural Stress	75.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	20	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	89.0	°C	ISO 75-2/B
Flammability	Nominal Value		Test Method
Flame Rating (ALL)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	85.0 to 95.0	°C	
Drying Time	2.0 to 5.0	hr	
Rear Temperature	220 to 270	°C	
Middle Temperature	220 to 270	°C	
Front Temperature	220 to 270	°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

