

TECHNO ABS R760

Acrylonitrile Butadiene Styrene

Techno Polymer Co, Ltd.

Message:

TECHNO ABS R760 is an Acrylonitrile Butadiene Styrene (ABS) product. It can be processed by blow molding or extrusion and is available in Asia Pacific or North America. Primary characteristic: flame rated.

General Information			
UL YellowCard	E54297-592744		
UL File Number	E54297		
Processing Method	Blow Molding Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	3.8	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	98		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	46.0	MPa	ISO 527-2
Flexural Modulus	2050	MPa	ISO 178
Flexural Stress	66.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	36	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	81.0	°C	ISO 75-2/B
Flammability	Nominal Value		Test Method
Flame Rating (ALL)	HB		UL 94
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	2.0 to 5.0	hr	
Cylinder Zone 1 Temp.	180 to 230	°C	
Cylinder Zone 2 Temp.	180 to 230	°C	
Cylinder Zone 3 Temp.	180 to 230	°C	
Cylinder Zone 4 Temp.	180 to 230	°C	
Cylinder Zone 5 Temp.	180 to 230	°C	

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