

TECHNO ABS 722

Acrylonitrile Butadiene Styrene

Techno Polymer Co, Ltd.

Message:

TECHNO ABS 722 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.

General Information			
Processing Method	Blow Molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	4.2	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	108		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	47.0	MPa	ISO 527-2
Flexural Modulus	2220	MPa	ISO 178
Flexural Stress	72.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	25	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	80.0	°C	ISO 75-2/B
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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