

TECHNO MUH BM5602

Acrylonitrile Butadiene Styrene

Techno Polymer Co, Ltd.

Message:

TECHNO MUH BM5602 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: heat resistant.

General Information			
Features	High Heat Resistance		
Processing Method	Blow Molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/10.0 kg)	1.7	g/10 min	ISO 1133
Molding Shrinkage	0.50 to 0.80	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	103		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	48.0	MPa	ISO 527-2
Flexural Modulus	2300	MPa	ISO 178
Flexural Stress	73.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	18	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	95.0	°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.	201 to 240	°C	
Cylinder Zone 2 Temp.	201 to 240	°C	
Cylinder Zone 3 Temp.	201 to 240	°C	
Cylinder Zone 4 Temp.	201 to 240	°C	
Cylinder Zone 5 Temp.	201 to 240	°C	

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