

TECHNO ALPHALLOY MPA G101

Acrylonitrile Butadiene Styrene + Nylon

Techno Polymer Co, Ltd.

Message:

TECHNO ALPHALLOY MPA G101 is an Acrylonitrile Butadiene Styrene + Nylon (ABS+Nylon) product filled with glass fiber. It is available in Asia Pacific or North America.

General Information			
Filler / Reinforcement	Glass Fiber		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/10.0 kg)	10	g/10 min	ISO 1133
Molding Shrinkage	0.30 to 0.60	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	118		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	80.0	MPa	ISO 527-2
Flexural Modulus	4010	MPa	ISO 178
Flexural Stress	122	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	117	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Drying Temperature	100 to 110	°C	
Drying Time	2.0 to 5.0	hr	
Rear Temperature	240 to 280	°C	
Middle Temperature	240 to 280	°C	
Front Temperature	240 to 280	°C	
Mold Temperature	50.0 to 100	°C	

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Recommended distributors for this material

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