

POLYPROPYLENE



Polymer Composite

HI-PRENE MT52GC

Typical Properties	Test Conditions	Test Method	Units	Result
Physical				
Melt Flow Rate	2.16 kg @230°C	ISO 1133	g/10min	15
Density	-	ISO 1183	g/cm ³	1.04
Mechanical				
Tensile Strength at Yield	50 mm/min	ISO 527	MPa	30
Elongation at Break	50 mm/min	ISO 527	%	100
Flexural Strength	2 mm/min	ISO 178	MPa	47
Flexural Modulus	2 mm/min	ISO 178	MPa	2,800
Izod Impact	@23°C, Notched	ISO 180	kJ/m ²	5.5
Izod Impact	@-10°C, Notched	ISO 180	kJ/m ²	3.5
Thermal				
Heat Deflection Temperature	0.45 MPa	ISO 75	°C	130

※ Results may vary depending on environmental conditions and /or devices.

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