

POLYPROPYLENE



Polymer Composite

HI-PRENE MT61HS

Typical Properties	Test Conditions	Test Method	Units	Result
Physical				
Melt Flow Rate	2.16 kg @230°C	ISO 1133	g/10min	31
Density	-	ISO 1183	g/cm ³	0.94
Mechanical				
Tensile Strength at Yield	50 mm/min	ISO 527	MPa	26
Elongation at Break	50 mm/min	ISO 527	%	120
Flexural Strength	2 mm/min	ISO 178	MPa	42
Flexural Modulus	2 mm/min	ISO 178	MPa	1,800
Izod Impact	@23°C, Notched	ISO 180	kJ/m ²	10
Izod Impact	@-10°C, Notched	ISO 180	kJ/m ²	5
Rockwell Hardness	-	ISO 2039	R scale	87
Thermal				
Heat Deflection Temperature	0.45 MPa	ISO 75	°C	115

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

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