

POLYPROPYLENE



Polymer Composite

HI-PRENE MT42IN

Typical Properties	Test Conditions	Test Method	Units	Result
Physical				
Melt Flow Rate	2.16 kg @230°C	ISO 1133	g/10min	12
Density	-	ISO 1183	g/cm ³	1.05
Mechanical				
Tensile Strength at Yield	50 mm/min	ISO 527	MPa	23
Elongation at Break	50 mm/min	ISO 527	%	170
Flexural Strength	2 mm/min	ISO 178	MPa	35
Flexural Modulus	2 mm/min	ISO 178	MPa	2,100
Izod Impact	@23°C, Notched	ISO 180	kJ/m ²	31
Izod Impact	@-10°C, Notched	ISO 180	kJ/m ²	5.5
Rockwell Hardness	-	ISO 2039	R scale	70
Thermal				
Heat Deflection Temperature	0.45 MPa	ISO 75	°C	105

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

May, 2020

www.gspolymer.com