

POLYPROPYLENE



Polymer Composite

HI-PRENE MR41

Typical Properties	Test Conditions	Test Method	Units	Result
Physical				
Melt Flow Rate	2.16 kg @230°C	ASTM D1238	g/10min	40
Density	-	ASTM D792	g/cm ³	0.99
Mechanical				
Tensile Strength at Yield	50 mm/min	ASTM D638	MPa	20
Elongation at Break	50 mm/min	ASTM D638	%	85
Flexural Strength	10 mm/min	ASTM D790	MPa	27
Flexural Modulus	10 mm/min	ASTM D790	MPa	1,550
Izod Impact	@23°C, Notched	ASTM D256	J/m	470
Izod Impact	@-30°C, Notched	ASTM D256	J/m	84
Rockwell Hardness	-	ASTM D785	R scale	50
Thermal				
Heat Deflection Temperature	0.45 MPa	ASTM D648	°C	120

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

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