

POLYPROPYLENE



Polymer Composite

HI-PRENE MT43

Typical Properties	Test Conditions	Test Method	Units	Result
Physical				
Melt Flow Rate	2.16 kg @230°C	ASTM D1238	g/10min	13
Density	-	ASTM D792	g/cm ³	1.13
Mechanical				
Tensile Strength at Yield	50 mm/min	ASTM D638	MPa	29
Elongation at Break	50 mm/min	ASTM D638	%	60
Flexural Strength	30 mm/min	ASTM D790	MPa	42
Flexural Modulus	30 mm/min	ASTM D790	MPa	3,500
Izod Impact	@23°C, Notched	ASTM D256	J/m	50
Izod Impact	@-10°C, Notched	ASTM D256	J/m	35
Rockwell Hardness	-	ASTM D785	R scale	93
Thermal				
Heat Deflection Temperature	0.45 MPa	ASTM D648	°C	136

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

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