

POLYPROPYLENE



Polymer Composite

HI-PRENE MT42

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	1.06
Mechanical				
Tensile Strength at Yield	50 mm/min	ASTM D638	MPa	30
Elongation at Break	50 mm/min	ASTM D638	%	45
Flexural Strength	30 mm/min	ASTM D790	MPa	40
Flexural Modulus	30 mm/min	ASTM D790	MPa	2,600
Izod Impact	@23°C, Notched	ASTM D256	J/m	70
Izod Impact	@-10°C, Notched	ASTM D256	J/m	40
Rockwell Hardness	-	ASTM D785	R scale	100
Thermal				
Heat Deflection Temperature	0.45 MPa	ASTM D648	°C	131

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

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