

POLYPROPYLENE



Polymer Composite

HI-PRENE HT42

Typical Properties	Test Conditions	Test Method	Units	Result
Physical				
Melt Flow Rate	2.16 kg @230°C	ASTM D1238	g/10min	10
Density	-	ASTM D792	g/cm ³	1.04
Mechanical				
Tensile Strength at Yield	50 mm/min	ASTM D638	MPa	36
Elongation at Break	50 mm/min	ASTM D638	%	75
Flexural Strength	1.27 mm/min	ASTM D790	MPa	55
Flexural Modulus	1.27 mm/min	ASTM D790	MPa	2,650
Izod Impact	@23°C, Notched	ASTM D256	J/m	55
Rockwell Hardness	-	ASTM D785	R scale	102
Thermal				
Heat Deflection Temperature	0.45 MPa	ASTM D648	°C	141

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

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