

POLYPROPYLENE



Polymer Composite

HI-PRENE HG52DM

Typical Properties	Test Conditions	Test Method	Units	Result
Physical				
Density	-	ASTM D792	g/cm ³	1.02
Mechanical				
Tensile Strength at Yield	50 mm/min	ASTM D638	MPa	93
Flexural Strength	10 mm/min	ASTM D790	MPa	125
Flexural Modulus	10 mm/min	ASTM D790	MPa	4,500
Izod Impact	@23°C, Notched	ASTM D256	J/m	80
Izod Impact	@-10°C, Notched	ASTM D256	J/m	75
Rockwell Hardness	-	ASTM D785	R scale	110
Thermal				
Heat Deflection Temperature	1.8 MPa	ASTM D648	°C	155

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

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