

POLYPROPYLENE



Polymer Composite

HI-PRENE HG425

Typical Properties	Test Conditions	Test Method	Units	Result
Physical				
Melt Flow Rate	2.16 kg @230°C	ASTM D1238	g/10min	4.3
Density	-	ASTM D792	g/cm ³	1.07
Mechanical				
Tensile Strength at Yield	50 mm/min	ASTM D638	MPa	90
Elongation at Break	50 mm/min	ASTM D638	%	3.4
Flexural Strength	10 mm/min	ASTM D790	MPa	125
Flexural Modulus	10 mm/min	ASTM D790	MPa	4560
Izod Impact	@23°C, Notched	ASTM D256	J/m	125
Rockwell Hardness	-	ASTM D785	R scale	115
Thermal				
Heat Deflection Temperature	1.8 MPa	ASTM D648	°C	164

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

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