

POLYPROPYLENE



Polymer Composite

HI-PRENE MW71SS

Typical Properties	Test Conditions	Test Method	Units	Result
Physical				
Melt Flow Rate	2.16 kg @230°C	ASTM D1238	g/10min	22
Density	-	ASTM D792	g/cm ³	0.97
Mechanical				
Tensile Strength at Yield	50 mm/min	ASTM D638	MPa	22
Elongation at Break	50 mm/min	ASTM D638	%	120
Flexural Strength	30 mm/min	ASTM D790	MPa	34
Flexural Modulus	30 mm/min	ASTM D790	MPa	2,200
Izod Impact	@23°C, Notched	ASTM D256	J/m	430
Izod Impact	@-10°C, Notched	ASTM D256	J/m	85
Rockwell Hardness	-	ASTM D785	R scale	73
Thermal				
Heat Deflection Temperature	0.45 MPa	ASTM D648	°C	135

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

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