

## IMPACT COPOLYMER

**HI-PRENE M570**

Typical Properties	Test Method	Units	Result
<b>Physical</b>			
<b>Melt Index</b> (2.16kg @230°C)	ASTM D1238	g/10min	45
<b>Density</b>	ASTM D792	g/cm <sup>3</sup>	0.90
<b>Mechanical</b>			
<b>Tensile Strength</b>	ASTM D638	MPa	30
<b>Elongation at Break</b>	ASTM D638	%	>150
<b>Flexural Modulus</b>	ASTM D790	MPa	1,550
<b>Izod Impact</b> (@23°C, Notched)	ASTM D256	J/m	55
<b>Izod Impact</b> (@-10°C, Notched)	ASTM D256	J/m	25
<b>Rockwell Hardness</b>	ASTM D785	R scale	95
<b>Thermal</b>			
<b>Heat Deflection Temp.</b> (0.45MPa)	ASTM D648	°C	125

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

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## HI-PRENE M570

Typical Properties	Test Method	Units	Result
<b>Physical</b>			
<b>Melt Index</b> (2.16kg @230°C)	ISO 1133	g/10min	45
<b>Density</b>	ISO 1183	g/cm <sup>3</sup>	0.90
<b>Mechanical</b>			
<b>Tensile Strength</b>	ISO 527	MPa	28
<b>Elongation at Break</b>	ISO 527	%	>150
<b>Flexural Modulus</b>	ISO 178	MPa	1,500
<b>Izod Impact</b> (@23°C, Notched)	ISO 180	KJ/m <sup>2</sup>	5.0
<b>Izod Impact</b> (@-10°C, Notched)	ISO 180	KJ/m <sup>2</sup>	2.5
<b>Rockwell Hardness</b>	ISO 2039	R scale	95
<b>Thermal</b>			
<b>Heat Deflection Temp.</b> (0.45MPa)	ISO 75	°C	105

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