

POLYPROPYLENE



IMPACT COPOLYMER

HI-PRENE M580

Typical Properties	Test Method	Units	Result
Physical			
Melt Index (2.16kg @230°C)	ASTM D1238	g/10min	60
Density	ASTM D792	g/cm ³	0.90
Mechanical			
Tensile Strength	ASTM D638	MPa	30
Elongation at Break	ASTM D638	%	>150
Flexural Modulus	ASTM D790	MPa	1,550
Izod Impact (@23°C, Notched)	ASTM D256	J/m	50
Izod Impact (@-10°C, Notched)	ASTM D256	J/m	25
Rockwell Hardness	ASTM D785	R scale	95
Thermal			
Heat Deflection Temp. (0.45MPa)	ASTM D648	°C	125

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

POLYPROPYLENE



IMPACT COPOLYMER

HI-PRENE M580

Typical Properties	Test Method	Units	Result
Physical			
Melt Index (2.16kg @230°C)	ISO 1133	g/10min	60
Density	ISO 1183	g/cm ³	0.90
Mechanical			
Tensile Strength	ISO 527	MPa	28
Elongation at Break	ISO 527	%	>150
Flexural Modulus	ISO 178	MPa	1,450
Izod Impact (@23°C, Notched)	ISO 180	KJ/m ²	4.5
Izod Impact (@-10°C, Notched)	ISO 180	KJ/m ²	2.0
Rockwell Hardness	ISO 2039	R scale	95
Thermal			
Heat Deflection Temp. (0.45MPa)	ISO 75	°C	105

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