



# HiPrene® M720

## GS Caltex - Polypropylene Impact Copolymer

### General Information

#### General

Features	• Impact Copolymer
Forms	• Pellets

### Properties <sup>1</sup>

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity			
--	0.902	0.900 g/cm <sup>3</sup>	ASTM D792
--	0.900 g/cm <sup>3</sup>	0.900 g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.1 g/10 min	1.1 g/10 min	ASTM D1238 ISO 1133
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength	4210 psi	29.0 MPa	ASTM D638 ISO 527-2
Tensile Elongation			
Break	> 500 %	> 500 %	ASTM D638
Break	> 400 %	> 400 %	ISO 527-2
Flexural Modulus			
--	218000 psi	1500 MPa	ASTM D790
--	210000 psi	1450 MPa	ISO 178
Impact	Typical Value (English)	Typical Value (SI)	Test Method
Notched Izod Impact			
14°F (-10°C)	0.94 ft·lb/in	50 J/m	ASTM D256
73°F (23°C)	> 9.4 ft·lb/in	> 500 J/m	ASTM D256
14°F (-10°C)	4.8 ft·lb/in <sup>2</sup>	10 kJ/m <sup>2</sup>	ISO 180
73°F (23°C)	29 ft·lb/in <sup>2</sup>	60 kJ/m <sup>2</sup>	ISO 180
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Rockwell Hardness (R-Scale)	85	85	ASTM D785 ISO 2039-2
Thermal	Typical Value (English)	Typical Value (SI)	Test Method
Deflection Temperature Under Load			
66 psi (0.45 MPa), Unannealed	248 °F	120 °C	ASTM D648
66 psi (0.45 MPa), Unannealed	212 °F	100 °C	ISO 75-2/B