



VinPol™ PH008

Homopolymer Polypropylene

Melt Flow: 0.83

Density: 0.900

VINPOL PH008 is a low flow rate homopolymer resin that provides high melt strength and resistance to softening at elevated temperature.

Resin Property	Typical Value	Units	Test Method
Melt Flow Rate, 230 °C/2.16kg	0.83	g/10 min	ASTM D-1238
Density	0.900	g/cm ³	Supplier Method
Tensile Strength at Yield	4,860 (34)	psi (MPa)	ASTM D-638
Tensile Elongation at Yield	13	%	ASTM D-638
Flexural Modulus, 1% Secant (0.051 in/min)	206,000 (1,420)	psi (MPa)	ASTM D-790A
Flexural Modulus, 1% Secant (0.51 in/min)	235,000 (1,620)	psi (MPa)	ASTM D-790B
Notched Izod Impact Strength, 73° F	0.95 (51)	ft-lb/in (J/m)	ASTM D-256A
Notched Izod Impact Strength, 0° F	0.40 (21)	ft-lb/in (J/m)	ASTM D-256A
DTUL at 66 psi, Unannealed	195 (91)	°F (°C)	ASTM D-648
DTUL at 264 psi, Unannealed	124 (51)	°F (°C)	ASTM D-648
Rockwell Hardness	101	-	ASTM D-785

Vinmar Polymers America cannot anticipate or control the many different conditions under which this information and/or product may be used. It does not guarantee the applicability or the accuracy of this information or the suitability of its products in any given situation. User of the material should make their own tests to determine the suitability of each such product for their particular purposes. The data listed herein falls within the normal range of product properties, but they should not be used to establish specification limits or used alone as the basis of design.

Vinmar Polymers America, LLC / 16825 Northchase Drive, Suite 1400, Houston, TX 77060
Phone: 281-902-0900 Fax: 281-260-8096

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