

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

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