

VINPOL™ PH012

Homopolymer Polypropylene

Melt Flow: 1.2

Density: 0.9

VINPOL PH012 is a high molecular weight polypropylene homopolymer suitable for strapping and other extrusion applications. Meets all requirements of the U. S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles and components of articles intended for direct food contact.

Resin Property	Typical Value	Units	Test Method
Melt Flow, I ₂ @ 230°C	1.2	g/10 min	ASTM D-1238
Density	0.9	g/cm ³	ASTM D-1505
Tensile Strength at Yield, 50 mm/min	5,000 (34.5)	psi (MPa)	ASTM D-638
Elongation at Yield, 50 mm/min	10	%	ASTM D-638
Flexural Modulus, 1% Secant, 1.3 mm/min	200,000 (1,380)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C)	0.9 (48)	ft-lb/in (J/m)	ASTM D-256

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