



VINPOL™ PH340

Homopolymer Polypropylene

Melt Flow: 34

Density: 0.9

VINPOL PH340 is a controlled rheology homopolymer polypropylene with high melt flow and narrow molecular weight distribution. Typical converting processes for this product include woven and nonwoven, spunbond and continuous fiber yarn. End use applications and markets include diaper and sanitary napkins, agriculture, shopping bags, apparel covers and wet tissue. It is formulated with an anti-gasfading stabilization package. This product 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, I2 @ 230°C	34	g/10 min	ASTM D-1238
Density	0.9	g/cm ³	ASTM D-792
Tensile Strength at Yield	4,930 (34)	psi (MPa)	ASTM D-638
Tensile Strain at Break	>500	%	ASTM D-638
Flexural Modulus	226,000 (1,560)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C)	0.4 (21)	ft-lb/in (J/m)	ASTM D-256
Rockwell Hardness	100	R Scale	ASTM D-785
Heat Deflection Temperature (4.6 kgf/cm ²)	230 (110)	°F (°C)	ASTM D-648
Vicat Softening Point	305 (152)	°F (°C)	ASTM D-1525

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