

VINPOL™ PH0301

Homopolymer Polypropylene

Melt Flow: 3

Density: 0.9

VINPOL PH0301 is a homopolymer polypropylene made from the Spheripol process technology licensed from LyondellBasell. This product provides high speed processing with a good balance between stiffness and stretchability. It is designed for general purpose BOPP film applications, including metallized, and it meets FDA requirements for 21 CFR 177.1520 food contact.

Resin Property	Typical Value	Units	Test Method
Melt Flow, 2.16kg @ 230°C	3	g/10 min	ASTM D-1238L
Density	0.9	g/cm ³	ASTM D-1505
Tensile Strength at Yield	5,120 (35)	psi (MPa)	ASTM D-638
Elongation at Yield	12	%	ASTM D-638
Flexural Modulus	213,000 (1,470)	psi (MPa)	ASTM D-790
Izod Impact Strength, 73°F (23°C)	0.74 (39)	ft-lb/in (J/m)	ASTM D-256
Heat Deflection Temperature, 66.7 psi	221 (105)	°F (°C)	ASTM D-648
Vicat Softening Point	295 (146)	°F (°C)	ASTM D-1525
Rockwell Hardness	95	R Scale	ASTM D-785

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