



VinPol™ PH300

Homopolymer Polypropylene

Melt Flow: 30

Density: 0.90

VINPOL PH300 is a polypropylene homopolymer designed for injection molding applications. It offers a balance of high flow, stiffness, heat stability, scratch resistance and surface gloss. Targeted applications include home appliances, toys and small and medium sized TWIM parts. This resin is compliant with FDA 21 CFR 177.1520 (C).

Resin Property	Typical Value	Units	Test Method
Melt Flow, I2 @ 230°C	30	g/10 min	ASTM D-1238
Density	0.90	g/cm ³	ASTM D-792
Tensile Strength at Yield	5,120 (35)	psi (MPa)	ASTM D-638
Elongation at Break	<100	%	ASTM D-638
Flexural Modulus	242,000 (1,670)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C)	0.55 (29)	ft-lb/in (J/m)	ASTM D-256
Notched Izod Impact Strength, 14°F (-10°C)	0.37 (20)	ft-lb/in (J/m)	ASTM D-256
Heat Deflection Temperature (4.6 kgf/cm ²)	239 (115)	°F (°C)	ASTM D-648

