

VINPOL™ PH2000

Homopolymer Polypropylene

Melt Flow: 20

Density: 0.90

VINPOL PH2000 is a low viscosity, homopolymer polypropylene designed for multifilament and bulk continuous filament fiber. It contains a unique combination of stabilizers which give it superior gas fading resistance and good process stability. This product meets US FDA 21 CFR 177.1520, covering articles and components of articles intended for direct food contact.

*Resin Property	Typical Value	Units	Test Method
Melt Flow, I2 @ 230°C	20	g/10 min	ASTM D-1238
Density	0.9	g/cm ³	ASTM D-1505
Tensile Strength at Yield, 50 mm/min	5,350 (37)	psi (MPa)	ASTM D-638
Elongation at Yield, 50 mm/min	8	%	ASTM D-638
Flexural Modulus, 1.3 mm/min, 1% Secant	220,000 (1,517)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C)	0.4 (21)	ft-lb/in (J/m)	ASTM D-256A
Rockwell Hardness	105	R Scale	ASTM D-785

**Specimens injection molded per ASTM D4101*

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