



VinPol™ PH120

Homopolymer Polypropylene

Melt Flow: 12

Density: 0.9

VINPOL PH120 is a homopolymer polypropylene designed for extrusion of cast slit tape, mono and multi-filament, fiber, cast film and general purpose injection molding, such as for caps and closures. It has high rigidity and dimensional stability as well as easy process-ability. It meets requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

Resin Property	Typical Value	Units	Test Method
Melt Flow, I2 @ 230°C	12	g/10 min	ASTM D-1238
Density	0.9	g/cm ³	ASTM D-792
Tensile Stress at Yield	4,930 (34)	psi (MPa)	ASTM D-638
Elongation at Yield	11	%	ASTM D-638
Flexural Modulus	195,750 (1,350)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C)	0.6 (32)	ft-lb/in (J/m)	ASTM D-256
Heat Deflection Temperature, 66 psi	203 (95)	°F (°C)	ASTM D-648

