



VinPol™ PR120

Random Copolymer Polypropylene

Melt Flow: 12

Density: 0.9

VINPOL PR120 is a random copolymer designed for rigid injection molding applications with moderate clarity. 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 Rate, I2 @ 230°C	12	g/10 min	ASTM D-1238
Density	0.9	g/cm ³	ASTM D-1501
Tensile Strength at Yield, 50 mm/min	4,400 (30)	psi (MPa)	ASTM D-638
Elongation at Yield, 50 mm/min	13	%	ASTM D-638
Flexural Modulus, 1% Secant, 1.3 mm/min	155,000 (1,068)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73° F (23°C)	1.5 (80)	ft-lb/in (J/m)	ASTM D-256
Gardner Impact Strength, 73° F (23°C)	170 (19)	In-lb (J)	ASTM D-2794
Plaque Haze	15	%	FTTC 5606

