



VinPol™ PR250

Random Copolymer Polypropylene

Melt Flow: 25

Density: 0.902

VINPOL PR250 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	25	g/10 min	ISO 1133
Density	0.902	g/cm ³	ISO 1183-1
Tensile Strength at Yield, 50 mm/min	4,500 (31)	psi (MPa)	ISO 527-1
Tensile Elongation at Yield, 50 mm/min	12	%	ISO 527-1
Flexural Modulus, 1% Secant	160,000 (1,103)	psi (MPa)	ISO 178
Notched Izod Impact Strength, 73° F (23°C)	1.43 (76)	ft-lb/in (J/m)	ISO 180
Deflection Temp. Under Load, 0.455 MPa	172 (78)	°F (°C)	ISO 75-1/75-2

