



VinPol™ PI350

Impact Copolymer Polypropylene

Melt Flow: 35

Density: 0.900

VINPOL PI350 is a high melt impact copolymer resin suitable for injection molding applications. Meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles intended for direct food contact.

Resin Property	Typical Value	Units	Test Method
Melt Flow, 2.16kg at 230°C	35	g/10 min	ASTM D-1238
Density	0.900	g/cm ³	ASTM D-4883
Tensile Strength at Yield, 2"/min (51mm/min)	3,300 (23)	psi (MPa)	ASTM D-638
Elongation at Yield, 2"/min (51mm/min)	8	%	ASTM D-638
Flexural Modulus, 1% Secant, 1.3mm/min	140,000 (965)	psi (MPa)	ASTM D-790A
Flexural Modulus, 1% Secant, 13mm/min	160,000 (1,100)	psi (MPa)	ASTM D-790B
Notched Izod Impact Strength, 73° F (23°C)	2.5 (133)	ft-lbf/in (J/m)	ASTM D-256A

