



VINPOL™ PR100

Random Copolymer Polypropylene

Melt Flow: 10

VINPOL PR100 is an advanced random copolymer resin suitable for injection molding applications with high transparency and gloss, impact strength, excellent organoleptics (low off-odor) and high stress whitening resistance. It meets 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, I2 @ 230°C	10	g/10 min	ASTM D-1238
Flexural Modulus	125,000 (861)	Psi (MPa)	ASTM D-790
Heat Deflection Temp., 4.6 kgf/cm ²	185 (85)	°F (°C)	ASTM D-648
Haze, 2 mm T	18	%	ASTM D-1003
Notched Izod Impact, 73°F (23°C)	2.2 (137)	ft-lb/in (J/m)	ASTM D-256

