



VinPol™ PR290M

Random Copolymer Polypropylene

Melt Flow: 29

Density: 0.90

VINPOL PR290M is a random copolymer polypropylene designed for injection molding applications. It has a good combination of strength, transparency and dimensional stability. Targeted applications include food packaging containers, disposable syringes and home appliances. This product complies with FDA 21 CFR 177.1520 covering exposure to food.

Resin Property	Typical Value	Units	Test Method
Melt Flow Index	29	g/10 min	ASTM D-1238
Density	0.90	g/cm ³	ASTM D-792
Tensile Strength at Yield	4,270 (29)	psi (MPa)	ASTM D-638
Elongation at Break	>500	%	ASTM D-638
Flexural Modulus	171,000 (1,179)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73° F (23°C)	0.7 (39)	ft-lb/in (J/m)	ASTM D-256
Heat Deflection Temp., 4.6 kgf/cm ²	201 (94)	°F (°C)	ASTM D-648
Rockwell Hardness	85	R Scale	ASTM D-785

