



VinPol™ PR650M

Random Copolymer Polypropylene

Melt Flow: 65

Density: 0.90

VINPOL PR650M is a high melt flow, clarified random copolymer designed for injection molding applications requiring high transparency and good surface finish. It is low blooming and dishwasher safe. Targeted applications include high transparency TWIM parts, food containers, housewares and large containers. This resin is compliant with FDA 21 CFR 177.1520.

Resin Property	Typical Value	Units	Test Method
Melt Flow	65	g/10 min	ASTM D-1238
Density	0.90	g/cm ³	ASTM D-792
Tensile Strength at Yield	4,205 (29)	psi (MPa)	ASTM D-638
Elongation at Yield	12	%	ASTM D-638
Flexural Modulus	174,000 (1,200)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73° F (23°C)	0.6 (32)	ft-lb/in (J/m)	ASTM D-256
Heat Deflection Temp., 66psi (0.46MPa)	179 (82)	°F (°C)	ASTM D-648

