

## VINPOL™ PR350M

### Random Copolymer Polypropylene

Melt Flow: 35

Density: 0.90

**VINPOL PR350M** is a nucleated/clarified random copolymer designed for injection molding applications requiring high transparency and gloss, good mechanical properties, high flow and lower cycle times with low off-odor. Targeted applications include high transparency TWIM parts, thin-walled food containers, disposable syringes and optical media (CD/DVD) cases. This resin is compliant with FDA 21 CFR 177.1520 (C).

Resin Property	Typical Value	Units	Test Method
Melt Flow	35	g/10 min	ASTM D-1238
Density	0.90	g/cm <sup>3</sup>	ASTM D-792
Tensile Strength at Yield	4,410 (29)	psi (MPa)	ASTM D-638
Elongation at Break	>100	%	ASTM D-638
Flexural Modulus	192,000 (1,320)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73° F (23°C)	0.83 (44)	ft-lb/in (J/m)	ASTM D-256
Notched Izod Impact Strength, 14° F (-10°C)	0.55 (29)	ft-lb/in (J/m)	ASTM D-256
Heat Deflection Temp., 4.6 kgf/cm <sup>2</sup>	203 (95)	°F (°C)	ASTM D-648
Rockwell Hardness	95	R Scale	ASTM D-785

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