



VINPOL™ PR400M

Random Copolymer Polypropylene

Melt Flow: 40

Density: 0.90

VINPOL PR400M is a clarified random copolymer designed for injection molding applications requiring high transparency and contact clarity, good impact properties, high flow/easy processing. Targeted applications include high transparency containers, housewares and other rigid consumer packaging.

Resin Property	Typical Value	Units	Test Method
Melt Flow, 230°C, 2.16kg	40	g/10 min	ASTM D-1238
Density	0.90	g/cm ³	ASTM D-792
Tensile Strength at Yield	3,980 (27)	psi (MPa)	ASTM D-638
Elongation at Break	>100	%	ASTM D-638
Flexural Modulus, 1% Secant, 0.05 in/min	140,000 (965)	psi (MPa)	ASTM D-790A
Notched Izod Impact Strength, 73° F (23°C)	1.3 (69)	ft-lb/in (J/m)	ASTM D-256
Gardner Impact, 73° F (23°C), Geometry GC	185 (20)	In-lbs (J)	ASTM D-5420
Deflection Temp. Under Load, 66psi Unannealed	165 (74)	°F (°C)	ASTM D-648
Haze	11	%	ASTM D-1003

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Vinmar Polymers America, LLC / 16825 Northchase Drive, Suite 1400, Houston, TX 77060
 Phone: 281-902-0900 Fax: 281-260-8096

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