



VinPol™ PR800M

Random Copolymer Polypropylene

Melt Flow: 80

VINPOL PR800M is a high melt flow, controlled rheology, clarified random copolymer designed for short cycle, easy mold filling injection molding applications requiring high transparency and good impact resistance. Targeted applications include high transparency TWIM parts and general purpose large articles with good contact clarity. This product contains mold release.

Resin Property ¹	Typical Value	Units	Test Method
Melt Flow	80	g/10 min	ASTM D-1238B
Tensile Strength at Yield, 50mm/min	3,700 (25.5)	psi (MPa)	ASTM D-638
Tensile Elongation at Yield, 50mm/min	14	%	ASTM D-638
Flexural Modulus, 1% Secant, 1.3mm/min	140,000 (965)	psi (MPa)	ASTM D-790-1A
Notched Izod Impact Strength, 73°F (23° C)	1 (58)	ft-lb/in (J/m)	ASTM D-256A
Gardner Impact, 73°F (23° C)	320 (36)	in-lb (J)	ASTM D-5420A

¹Type 1 specimen, 3.2mm thick injected according to ASTM D-4101 09 method.

