



VinPol™ PI081

Impact Copolymer Polypropylene

Melt Flow: 8

Density: 0.9

VINPOL PI081 is an impact copolymer polypropylene designed for injection molding applications. It has good cold temperature impact properties and blush resistance. Applications include automotive parts, battery cases and other industrial parts.

Resin Property*	Typical Value	Units	Test Method
Melt Flow (230°C/2.16 kg)	8	g/10 min	ASTM D-1238
Density	0.90	g/cm ³	ASTM D-792B
Tensile Strength at Yield, 2.0 in/min (51 mm/min)	3,700 (26)	psi (MPa)	ASTM D-638
Elongation at Yield, 2.0 in/min (50 mm/min)	8	%	ASTM D-638
Flexural Modulus, 1% Secant, 0.05 in/min (1.3 mm/min)	160,000 (1,105)	psi (MPa)	ASTM D-790A
Notched Izod Impact Strength, 73°F (23°C)	1.6 (85)	ft-lb/in (J/m)	ASTM D-256A
DTUL, 66 psi Unannealed	175 (79)	°F (°C)	ASTM D-648

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