

VINPOL™ PI210

Impact Copolymer Polypropylene

Melt Flow: 20

Density: 0.90

VINPOL PI210 is an impact copolymer polypropylene with high ethylene content and designed for injection molding applications and as a base resin for compounding. It has good impact performance and high tensile strength. Targeted applications include industrial supplies, as well as a base resin for automotive compounds. This resin is compliant with 21 CFR 177.1520 (C).

Resin Property	Typical Value	Units	Test Method
Melt Flow	20	g/10 min	ASTM D-1238
Density	0.90	g/cm ³	ASTM D-792
Tensile Strength at Yield	3,840 (26)	psi (MPa)	ASTM D-638
Elongation at Break	>100	%	ASTM D-638
Flexural Modulus	185,000 (1,280)	psi (MPa)	ASTM D-790
Heat Deflection Temperature, 4.6 kgf/cm ²	221 (105)	°F (°C)	ASTM D-648
Notched Izod Impact Strength, 73° F (23°C)	1.3 (69)	ft-lb/in (J/m)	ASTM D-256
Notched Izod Impact Strength, 14° F (-10°C)	0.74 (39)	ft-lb/in (J/m)	ASTM D-256

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