



VINPOL™ PI280K

Impact Copolymer Polypropylene

Melt Flow: 28

VINPOL PI280K is an impact copolymer polypropylene with very high impact, stiffness, flow and heat resistance properties. This resin is suitable for applications requiring high mechanical properties, and especially suitable for auto parts, electrical appliances, large containers, and thin wall and highspeed injection applications.

Resin Property	Typical Value	Units	Test Method
Melt Flow	28	g/10 min	ASTM D-1238
Tensile Strength at Yield	2,990 (21)	psi (MPa)	ASTM D-638
Elongation at Break	<300	%	ASTM D-638
Flexural Modulus	156,000 (1,080)	psi (MPa)	ASTM D-790
Heat Distortion Temperature	230 (110)	°F (°C)	ASTM D-648
Notched Izod Impact Strength, 73° F (23°C)	No Break	ft-lb/in (J/m)	ASTM D-256
Notched Izod Impact Strength, -4° F (-20°C)	1.29 (68.6)	ft-lb/in (J/m)	ASTM D-256
Rockwell Hardness	72	R	ASTM D-785

