



Premier PI280K

Impact Copolymer Polypropylene

MELT FLOW: 28.0

Premier 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 high speed injection applications.

<u>Resin Property</u>	<u>Typical Value</u>	<u>Units</u>	<u>Test Method</u>
Melt Flow	28.0	g/10 min	ASTM D-1238
Vicat Softening Point	150	°C	ASTM D-1525
Tensile Strength at Yield	2,990 (21)	psi (MPa)	ASTM D-638
Elongation at Break	<300	%	ASTM D-638
Flexural Modulus (1% Secant)	156,000 (1,080)	psi (MPa)	ASTM D-790
Heat Distortion Temperature	110	°C	ASTM D-648
Hardness, Rockwell	72	R Scale	ASTM D-785
Notched Izod Impact (23° C)	No Break	ft-lb/in	ASTM D-256
Notched Izod Impact (-20° C)	1.29 (68.6)	ft-lb/in (J/m)	ASTM D-256

Premier Polymers cannot anticipate or control the many different conditions under which this information and/or product may be used. It does not guarantee the applicability or the accuracy of this information or the suitability of its products in any given situation. User of the material should make their own tests to determine the suitability of each such product for their particular purposes. The data listed herein falls within the normal range of product properties but they should not be used to establish specification limits or used alone as the basis of design.

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