



Premier PI270

Impact Copolymer Polypropylene

MELT FLOW: 27.0

DENSITY: 0.90

Premier PI270 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 home appliances and other general molded articles, as well as a base resin for automotive compounds. This resin has *FDA compliance.

<u>Resin Property</u>	<u>Typical Value</u>	<u>Units</u>	<u>Test Method</u>
Melt Flow	27.0	g/10 min	ASTM D-1238
Density	0.90	g/cm ³	ASTM D-792
Tensile Strength at Yield	3,270 (23)	psi (MPa)	ASTM D-638
Elongation at Break	>100	%	ASTM D-638
Flexural Modulus	178,000 (1,230)	psi (MPa)	ASTM D-790
Heat Deflection Temp. (4.6 kgf/cm ²)	105	Deg. C	ASTM D-648
Hardness, Rockwell	95R		ASTM D-785
Notched Izod Impact (23C)	1.84 (98)	ft-lb/in (J/m)	ASTM D-256
Notched Izod Impact (-10C)	0.92 (49)	ft-lb/in (J/m)	ASTM D-256
Flammability	HB		UL 94

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.

*21 CFR 177.1520 (C)