



Premier PR870

Random Copolymer Polypropylene

MELT FLOW: 87.0

DENSITY: 0.902

Premier PR870 is a random copolymer polypropylene designed for injection molding high transparency parts.

<u>Resin Property</u>	<u>Typical Value</u>	<u>Units</u>	<u>Test Method</u>
Melt Flow Rate, I ₂ @ 230 °C	87	g/10 min	ASTM D1238
Density	0.902	g/cm ³	ASTM D792A
Tensile Strength at Yield (50 mm/min)	4500	Psi	ASTM D638
Tensile Elongation at Yield	14	%	ASTM D638
Flexural Modulus, 1% Secant	145,000	psi	ASTM D790A
Rockwell Hardness	84	R Scale	ASTM D785
Notched Izod Impact Strength @ 23°C	0.94	Ft-lb/in	ASTM D256A

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.

Premier Polymers, LLC. 16800 Imperial Valley Drive, Suite 400 Houston, TX 77060
Phone: 281-902-0900 Fax: 281-260-8096