



# Premier PR021

## Random Copolymer Polypropylene

**MELT FLOW: 2.1**

**DENSITY: 0.9**

**Premier PR021** is a random copolymer polypropylene designed for extrusion blow molding applications and thermoforming of medical and other specialty devices and packaging. It has excellent organoleptics and very low ash metal content.

<u>Resin Property</u>	<u>Typical Value</u>	<u>Units</u>	<u>Test Method</u>
Melt Flow Rate, I <sub>2</sub> @ 230 °C	2.1	g/10 min	ASTM D-1238
Density	0.9	g/cm <sup>3</sup>	ASTM D-1501
Tensile Strength at Yield (50 mm/min)	4140	Psi	ASTM D-638
Flexural Modulus (1.3 mm/min), 1% Secant	141,000	psi	ASTM D-790A
Elongation at Yield (50 mm/min)	13	%	ASTM D-638
Notched Izod Impact Strength @ 73°F	1.3	Ft-lb/in	ASTM D-256A
Deflection Temperature Under Load (at 66 psi, Unannealed)	179/81.6	°F/°C	ASTM D-648

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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