



PREMIER
POLYMERS, LLC.

Premier PH040

Homopolymer Polypropylene

MELT FLOW: 4.0

DENSITY: 0.900

Premier PH040 is a homopolymer polypropylene designed for products such as slit tape and sheet. It has a broad molecular weight distribution and meets requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

Resin Property

<u>Resin Property</u>	<u>Typical Value</u>	<u>Units</u>	<u>Test Method</u>
Melt Flow Rate, 2.16 Kg at 230 °C	4.0	g/10 min	ASTM D-1238
Density	0.90	g/cm ³	ASTM D-4883
Tensile Stress (Yield)	4,980	psi	ASTM D-638
Tensile Strain (Break)	>500		ASTM D-638
Flexural Modulus	228,000	psi	ASTM D-1790
Rockwell Hardness	103	R Scale	ASTM D-785
Notched Izod Impact (23°C)	0.735	Ft-lb/in	ASTM D-256
Heat Deflection Temp. (4.6 kgf/cm ²)	116	°C	ASTM D-648
Vicat Softening Point	151	°C	ASTM D-1525

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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