

Injection Molding

Applications

- Housewares
- Consumer Products
- Media Packaging
- Thin-wall rigid packaging

Characteristics

- Good Colorability
- Good Flow
- Low Temp. Impact Resistance
- Good Dimensional Stability

Description

PP 50900 is a homopolymer resin designed for injection molding applications requiring high melt flow rate.

Property	Value	Unit	ASTM Test
Melt Index, (230°C/2.16 kg)	50	g/10 min	D 1238
Density	0.900	g/cm ³	
Tensile Strength at Yield	7.6	%	D 638
Elongation at Yield	3310	psi	D 638
Flexural Modulus, 1% Secant 0.051 in/min	146000	psi	D 790A
Flexural Modulus, 1% Secant 0.51 in/min	168000	psi	D 790B
Notched Izod Impact (73°F)	2.9	ft-lb/in	D 256A
Gardner Impact (-20°F)	186	lb-in	D 5420
Deflection Temp. Under Load at 66 psi	175	°F	D 648

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.

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