

Injection Molding

Applications

- Closures
- Thin wall programs

Characteristics

- Fast cycle time
- Easy mold release
- Excellent processability

Description

PP 18900 is a homopolymer polypropylene that contains a unique blend of stabilizers and additives including nucleation and antistat. This resin meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

Property	Value	Unit	ASTM Test
Melt Index, (230°C/2.16 kg)	18.0	g/10 min	D 1238
Density	0.9	g/cm ³	D 1505
Tensile Strength at Yield	5800	psi	D 638
Tensile Elongation at Yield	6	%	D 638
Flexural Modulus	270000	psi	D 790
Notched Izod Impact, 73 °F	0.6	ft-lb/in	D 256A
Rockwell Hardness, R Scale	110		D 785
Heat Deflection Temperature @ 66 psi	259	°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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