

PP 50900

Homopolymer Polypropylene



Overview

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

Applications

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

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	50	g/10 min	D 1238
Density (g/cm ³)	0.900	g/cm ³	D 792
Tensile Strength at Yield	7.6	%	D638
Elongation at Yield	3310	psi	D638
Flexural Modulus, 1% Secant 0.051 in/min	146000	psi	D790A
Flexural Modulus, 1% Secant 0.51 in/min	168000	psi	D790B
Notched Izod Impact (73°F)	2.9	ft-lb/in	D256A
Gardner Impact (-20 °F)	186	lb-in	D5420
Deection Temp. Under Load at 66 psi	165	°F	D648