

## IP-350

### Polypropylene Impact Copolymer

**IP-350** is an Impact Copolymer certified prime resin designed for injection molding requiring optimal balance of stiffness and impact resistance applications. **IP-350** offers improved processability, high melt flow for easy filling multicavity and intricate mold geometry, fast cycling, and very good dimensional stability. **IP-350** complies with FDA regulation 21CFR 177.1520 (a)(3)(i) / (c)3.1 + 3.2, and most international regulations concerning the use of Polypropylene in contact with food.

PROPERTIES	ASTM	UNIT	NOMINAL VALUES
<b>PHYSICAL</b>			
Melt Flow Rate (230°C, 2.16kg)	D1238	g/10 min	35
Density	D1505	g/cm <sup>3</sup>	0.900
Rockwell Hardness (R-Scale)	D785		83
<b>MECHANICAL</b>			
Flexural Modulus <sup>1</sup> (1% Secant)	D790	psi	190k
Tensile Strength @ Yield <sup>2</sup>	D638	psi	3800
Notched Izod Impact (73°F)	D256	ft-lb/in	1.3
Tensile Elongation @ Yield <sup>2</sup>	D638	%	9.0
HDT Under Load (66 psi Unannealed, Inj.)	D648	°C	217

Typical Value of Properties not to be construed as specifications

1 - @ 0.051 in/min

2 - @ 2 in/min.



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