

## RP-350N

### Polypropylene Random Copolymer

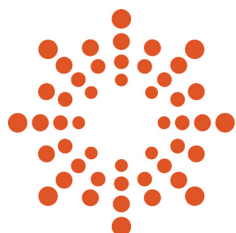
**RP-350N** is an injection molding certified prime copolymer designed for applications requiring excellent balance of good impact strength and high stiffness. **RP-350N** is formulated with Antistatic for protection against dust build-up, features Controlled Rheology for high quality straight flat surfaces of moldings, and advantages of Nucleation: faster mold set-up, reduced warpage and sink marks, freedom from stress whitening, improved tensiles and stiffness. **RP-350N** 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		102
<b>MECHANICAL</b>			
Flexural Modulus <sup>1</sup> (1% Secant)	D790	psi	220k
Tensile Strength @ Yield <sup>2</sup>	D638	psi	4500
Notched Izod Impact (73°F)	D256	ft-lb/in	0.80
Tensile Elongation @ Yield <sup>2</sup>	D638	%	9.0
HDT Under Load (66 psi Unannealed, Inj.)	D648	°F	199
Vicat Softening Temperature	D1525	°F	298

Typical Value of Properties not to be construed as specifications

1 - @ 0.051 in/min

2 - @ 2 in/min.



# Genesis Polymers

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