

# HP-350NA

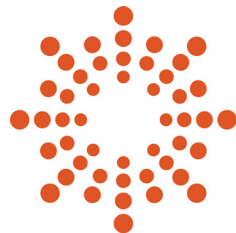
## Polypropylene Homopolymer

**HP-350NA** is a Nucleated Polypropylene certified prime resin designed for injection molding of lightweight and thin-walled articles. **HP-350NA** contains antistatic and offers good balance of high flow processability with high contact clarity, good tensile strength, short cycling, excellent dimensional stability, and good surface finishing. **HP-350NA** processing temperature is between 220° to 240°C with mold at 20°-50°C. **HP-350NA** complies with FDA regulation 21CFR 177.1520 and most international regulations concerning Polypropylene use 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>	0.903
Rockwall Hardness (R-Scale)	D785		83
<b>MECHANICAL</b>			
Flexural Modulus <sup>1</sup> (1% Secant)	D790	psi	170k
Tensile Strength @ Yield <sup>2</sup>	D638	psi	4640
Notched Izod Impact	D256	ft-lb/in	0.60
Tensile Elongation @ Yield <sup>2</sup>	D638	%	12
Deflection Temperature Under Load (66 psi Unannealed)	D648	°F	199
Vicat Softening Temperature	D1525	°F	306

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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