

HP-200

Polypropylene Homopolymer

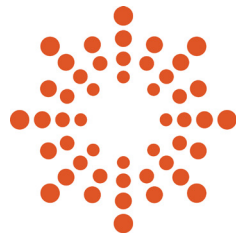
HP-200 is a Polypropylene certified prime resin designed for injection molding of thin-walled lightweight articles. **HP-200** combines good balance of good tensile strength with medium-high flow processability high stiffness, short cycling, good LTHS and excellent ESCR. **HP-200** recommended processing temperature is between 220° to 240°C with mold at 20°-50°C. **HP-200** complies with FDA regulation 21CFR 177.1520 and with most international regulations concerning the use of Polypropylene in contact with food. Specific certificates are available upon request.

PROPERTIES	ASTM	UNIT	NOMINAL VALUES
PHYSICAL			
Melt Flow Rate (230°C, 2.16kg)	D1238	g/10 min	20
Density	D1505	g/cm ³	0.905
Rockwall Hardness (R-Scale)	D785		94
MECHANICAL			
Flexural Modulus ¹ (1% Secant)	D790	psi	240k
Tensile Strength @ Yield ²	D638	psi	5300
Notched Izod Impact	D256	ft-lb/in	0.50
Tensile Elongation @ Yield ²	D638	%	8.0
Deflection Temperature Under Load (66 psi Unannealed)	D648	°F	223
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
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