

HP-020

Polypropylene Homopolymer

HP-020 is a Homopolymer certified prime grade designed for extrusion of sheet for thermoforming processes. **HP-020** contains a nucleating agent featuring high clarity and excellent melt strength. **HP-020** complies with FDA regulation 21CFR 177.1520(c) 3.2a concerning the Polypropylene use in contact with food articles.

PROPERTIES	ASTM	UNIT	NOMINAL VALUES
RESIN			
Density	D1505	g/cm	0.901
Melt Flow Rate (190 °C, 2.16kg)	D1238	g/10 min	2.0
FILM			
Flexural Modulus - 1% Secant (Inj) ²	D790	psi	230k
Tensile Strength @ Yield* ¹	D638	psi	5100
Elongation @ Yield* ¹	D638	%	10
IMPACT/HARDNESS			
Notched Izod Impact*	D256A	ft-lb/in	1.3
Deflection Temperature Under Load (66psi Unannealed)	D648	°F	217
Vicat Softening Temperature	D1525	°F	293

Typical Value of Properties not to be construed as specifications

- 1 - 2.0 in/min
- 2 - 0.051 in/min



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