

IP-020NB

Polypropylene Impact Copolymer

IP-020NB is a nucleated Polypropylene blow molding no break certified prime resin developed for Extra High Izod Impact containers produced by Thermoforming, Extrusion-Blow or Injection-Blow molding equipment. **IP-020NB** has high melt strength offering optimized melt stability for consistent, easy processability, and Very Good Low Temperature Drop Impact resistance. **IP-020NB** complies with FDA regulation 21CFR 177.1520 (a)(3)(i) (c)3.1+3.2, and most international regulations concerning Polypropylene use in contact with food .

PROPERTIES	ASTM	UNIT	NOMINAL VALUES
PHYSICAL			
Melt Flow Rate (230°C, 2.16kg)	D1238	g/10 min	2.0
Density	D1505	g/cm ³	0.903
Rockwall Hardness (R-Scale)	D785		82
MECHANICAL			
Flexural Modulus ¹ (1% Secant)	D790	psi	180k
Tensile Strength @ Yield ²	D638	psi	4300
Notched Izod Impact	D256	ft-lb/in	No Break
Tensile Elongation @ Yield ²	D638	%	9.0
Deflection Temperature Under Load (66 psi Unannealed)	D648	°F	190

Typical Value of Properties not to be construed as specifications

1 - @ 0.051 in/min

2 - @ 2 in/min.



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