

RP-020

Polypropylene Random Copolymer

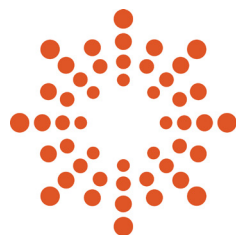
RP-020 is a certified prime BLOW MOLDING grade developed for containers produced by Extrusion-Blow or Injection-Blow molding equipment. **RP-020** is a high purity resin of high melt strength offering optimized melt stability for consistent and easy processability, good core release, high Impact Strength, Stiffness, and high Gloss surfaces. **RP-020** 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	0.902
Rockwell Hardness (R-Scale)	D785		84
MECHANICAL			
Flexural Modulus ¹ (1% Secant)	D790	psi	160k
Tensile Strength @ Yield ²	D638	psi	4300
Notched Izod Impact (73°F)	D256	ft-lb/in	1.3
Tensile Elongation @ Yield ²	D638	%	11
HDT Under Load (66 psi Unannealed, Inj.)	D648	°C	190
Vicat Softening Temperature	D1525	°F	275

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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