

RP-020C

Polypropylene Random Copolymer

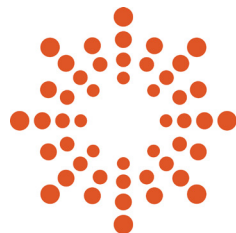
RP-020C is a Clarified Blow Molding certified prime resin developed for high contact clarity containers produced by Extrusion and injection or blow molding processes. **RP-020C** is a high purity resin of high melt strength offering optimized melt stability for consistent and easy processability, high impact strength and gloss surfaces, good core release and stiffness. **RP-020C** complies with FDA regulation 21CFR 177.1520 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
MECHANICAL			
Flexural Modulus ¹ (1% Secant)	D790	psi	150k
Tensile Strength @ Yield ²	D638	psi	4200
Notched Izod Impact (73°F)	D256	ft-lb/in	5.0
Tensile Elongation @ Yield ²	D638	%	12
HDT Under Load (66 psi Unannealed, Inj.)	D648	°F	180
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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