

RP-800C

Polypropylene Random Copolymer

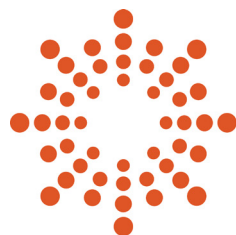
RP-800C is a certified prime clarified copolymer. **RP-800C** is designed for high-speed injection molding of medium and thin-walled parts needing exceptional clarity. **RP-800C** has excellent processability, high melt flow and fast cycle times. **RP-800C** complies with FDA regulation 21CFR 177.1520(c)3.1a and 3.2a; conditions of use B-H as defined in Table 2 of 21CFR 176.170(c).

PROPERTIES	ASTM	UNIT	NOMINAL VALUES
PHYSICAL			
Melt Flow Rate (230°C, 2.16kg)	D1238	g/10 min	80
Density	D1505	g/cm ³	0.902
MECHANICAL			
Flexural Modulus ¹ (1% Secant)	D790	psi	150k
Tensile Strength @ Yield ²	D638	psi	4000
Notched Izod Impact (73°F)	D256	ft-lb/in	1.0
Tensile Elongation @ Yield ²	D638	%	13
HDT Under Load (66 psi Unannealed, Inj.)	D648	°F	185

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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