

RP-550C

Polypropylene Random Copolymer

RP-550C is a certified prime resin with clarifier developed for thin-wall, high clarity and high speed injection molding applications. **RP-550C** combines high flow and easy processability with fast cycling and balanced mechanical properties. **RP-550C** processing temperature is 205° to 220°C with mold at 20° - 40°C. **RP-550C** complies with FDA regulation 21CFR 177.1520 (c)3.1 (a) and most international regulations concerning Polypropylene in contact with food articles.

PROPERTIES	ASTM	UNIT	NOMINAL VALUES
PHYSICAL			
Melt Flow Rate (230°C, 2.16kg)	D1238	g/10 min	55
Density	D1505	g/cm ³	0.902
MECHANICAL			
Flexural Modulus ¹ (1% Secant)	D790	psi	154k
Tensile Strength @ Yield ²	D638	psi	4060
Notched Izod Impact (73°F)	D256	ft-lb/in	1.0
Tensile Elongation @ Yield ²	D638	%	14
HDT Under Load (66 psi Unannealed, Inj.)	D648	°F	194

Typical Value of Properties not to be construed as specifications

1 - @ 0.051 in/min

2 - @ 2 in/min.



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