



Prime Engineering and Commodity Thermoplastic Resins

RP 2001-C Random Copolymer Polypropylene

Description: RP 2001-C is a high melt flow random copolymer with excellent clarity, fast cycle time and easy mold release designed for injection molding applications.

Applications: Storage boxes / Pill vials / Containers

Features: Excellent clarity
Fast cycle times
Easy mold release
FDA 21 CFR 177.1520

Physical Properties	Typical Values	Test Method(s)
Melt Flow Rate – g/10 min (230°C/2.16kg)	20.0	D-1238
Density – Specific Gravity	0.900	D-1501
Tensile Strength @ Yield - psi	4,200	D-638
Elongation at Yield - %	12.0	D-638
Flexural Modulus – psi	150,000	D-790
Izod Impact Strength - 73°F, ft-lbs/in	1.3	D-256
Rockwell Hardness – R scale	100	D-785
HDTUL - 66 psi	87° C	D-648

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The nominal properties reported herein are laboratory tested and are typical data for these materials. Plastic Solutions, Inc. does not guarantee suitability of these materials for specific applications. Each user of material should make their own tests to determine suitability of a material in a design or application.

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