



Prime Engineering and Commodity Thermoplastic Resins

RP 5501-C Random Copolymer Polypropylene

Description: RP 5501-C is a high flow random copolymer with fast cycle time and easy mold release; it is designed for injection molding applications.

Applications: Housewares / Rigid packaging

Features: Excellent see-through clarity
Extra high melt flow
Excellent processibility

Physical Properties	Typical Values	Test Method(s)
Melt Flow Rate – g/10 min (230°C/2.16kg)	55.0	D-1238
Notched Izod Impact - 73°, ft-lbs/in	1.1	D-256
Tensile Strength - psi	4,150	D-638
Elongation - %	14.0	D-638
Flexural Modulus – psi	151,000	D-790
Haze - %	15.9	

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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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