



Prime Engineering and Commodity Thermoplastic Resins

## RP 1201-C Random Copolymer Polypropylene

**Description:** RP 1201-C is a medium melt flow random copolymer with fast cycle time and easy mold release. Its clarity makes it an excellent choice for “see-through” applications.

**Applications:** Storage boxes / Pill vials / Containers

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

<b>Physical Properties</b>	<b>Typical Values</b>	<b>Test Method(s)</b>
Melt Flow Rate – g/10 min (230°C/2.16kg)	12.0	D-1238
Tensile Strength @ Yield - psi	4,400	D-638
Elongation at Yield - %	12.0	D-638
Flexural Modulus – psi	160,000	D-790
HDTUL - 66 psi	90° C	D-648
Izod Impact Strength - 73°F, ft-lbs/in	1.2	D-256
Rockwell Hardness – R scale	100	D-785

Distributed Exclusively by: Plastic Solutions, Inc.  
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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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