



Prime Engineering and Commodity Thermoplastic Resins

## CP 1002 Copolymer Polypropylene

**Description:** CP 1002 is a medium impact copolymer polypropylene for use in injection molding applications.

**Applications:** Injection Molding / Battery cases / Lids

**Features:** Excellent dimensional stability  
FDA 21 CFR 177.1520

<u>Physical Properties</u>	<u>Typical Values</u>	<u>Test Method(s)</u>
Melt Flow Rate – g/10 min (230°C/2.16kg)	10.0	D-1238
Density – Specific Gravity	0.900	D-1505
Tensile Strength @ Yield - psi	3,500	D-638
Elongation at Yield - %	7.0	D-638
Flexural Modulus – psi	160,000	D-790
Rockwell Hardness – R scale	103	D-785
Izod Impact Strength @ 73°F	2.4	D-256
HDTUL – 66 psi	85° C	D-648

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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