



Prime Engineering and Commodity Thermoplastic Resins

CP 3502 Copolymer Polypropylene

Description: CP 3502 is a medium impact copolymer polypropylene for use in injection molding applications.

Applications: Dairy packaging / Deli containers / Stadium cups

Features: Excellent dimensional stability
FDA 21 CFR 177.1520

Physical Properties	Typical Values	Test Method(s)
Melt Flow Rate – g/10 min (230°C/2.16kg)	35.0	D-1238
Density – Specific Gravity	0.900	D-1505
Tensile Strength @ Yield - psi	3,700	D-638
Elongation at Yield - %	7.0	D-638
Flexural Modulus – psi	145,000	D-790
Rockwell Hardness – R scale	106	D-785
Izod Impact Strength @ 73°F	2.0	D-256
Izod Impact Strength @ 0°C	1.5	D-256
HDTUL – 66 psi	88° C	D-648

Distributed Exclusively by: Plastic Solutions, Inc.
15800 Birmingham Hwy – Bldg 500
Milton, GA 30004
www.plasticsolutions.net

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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