



Prime Engineering and Commodity Thermoplastic Resins

CP 2012 Copolymer Polypropylene

Description: CP 2012 is a high melt flow rate, nucleated polypropylene impact copolymer formulated for improved flowability. It has optimum balance of stiffness and impact resistance for injection molded applications.

Applications: Pails / Crates / Small containers / Industrial applications

Features: Medium to high impact resistance
Good impact to stiffness balance
Superior moldability
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
Tensile Strength @ Yield - psi	3,000	D-638
Elongation at Yield - %	5.9	D-638
Flexural Modulus – psi	140,000	D-790
HDTUL – 66 psi	85°C	D-648
Izod Impact Strength – ft-lbs/in 23°C	No Break	D-256
-18°C	2.6	D-256
Rockwell Hardness – R	61	D-785

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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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