



Prime Engineering and Commodity Thermoplastic Resins

CP 0714 Copolymer Polypropylene

Description: CP 0714 is a copolymer of polypropylene designed and formulated for injection molding applications. It contains a unique combination of stabilizers, nucleators and antistats which give it an excellent balance of stiffness and impact strength.

Applications: Lawn and Garden products / Pails / Crates / Material Handling products

Features: Excellent balance of stiffness
Excellent impact strength
FDA 21 CFR 177.1520

Physical Properties	Typical Values	Test Method(s)
Melt Flow Rate – g/10 min (230°C/2.16kg)	7.0	D-1238
Tensile Strength @ Yield - psi	2,700	D-638
Elongation at Yield - %	7.0	D-638
Flexural Modulus – psi	125,000	D-790
Rockwell Hardness – R	100	D-785
Izod Impact Strength – 73°F, ft-lbs/in	14	D-256
Izod Impact Strength – 0°C, ft-lbs/in	13.6	D-256
Izod Impact Strength – -18°C, ft-lbs/in	3.0	D-256
HDTUL – 66 psi	85°C	D-648

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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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