



Prime Engineering and Commodity Thermoplastic Resins

CP 0110 Copolymer Polypropylene

Description: CP 0110 is a high impact copolymer with an excellent balance of toughness and stiffness.

Applications: Blow molded bottles / Heavy gauge sheets for thermoformed containers / Profile extrusions

Features: Excellent impact to stiffness balance
FDA 21 CFR 177.1520

Physical Properties	Typical Values	Test Method(s)
Melt Flow Rate – g/10 min (230°C/2.16kg)	0.5	D-1238
Tensile Strength @ Yield - psi	3,650	D-638
Elongation at Yield - %	10.0	D-638
Flexural Modulus – psi	155,000	D-790
Izod Impact Strength @ 73°F	No Break	D-256
Izod Impact Strength @ 0°C	2.5	D-256
Izod Impact Strength @ -18°C	2.1	D-256
Izod Impact Strength @ -30°C	1.6	D-256
HDTUL – 66 psi	86° 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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