



Prime Engineering and Commodity Thermoplastic Resins

HP 2000 Homopolymer Polypropylene

Description: HP 2000 is a general purpose polypropylene homopolymer for injection molding applications.

Applications: Closures / small appliances / Housewares / Toys

Features: Unique combination of stabilizers
Good stiffness & ESCR
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
Density – Specific Gravity	0.900	D- 792
Tensile Strength @ Yield - psi	4,900	D-638
Elongation at Yield - %	8	D-638
Flexural Modulus – psi	180,000	D-790
Izod Impact Strength - 23°C	0.5	D-256
Rockwell Hardness – R	105	D-785
HDTUL @ 66psi	100° 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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