



Prime Engineering and Commodity Thermoplastic Resins

HD 5320 High Density Polyethylene

Description: HD 5320 is a copolymer with good processability and excellent balance of ESCR, toughness and stiffness properties.

Applications: Caps & Closures / Housewares / Containers / Toys

Features: Excellent processability
Exceptional warpage resistance
FDA 21 CFR 177.1520

Physical Properties	Typical Values	Test Method(s)
Density	0.953	D-1505
Melt Flow Rate – g/10 min (190°C/2.16kg)	20.0	D-1238
Tensile Strength at Yield - psi	3,490	D-638
Flexural Modulus – psi	185,000	D-790
Brittleness Temperature - °F	<-103	D-746
Hardness – Shore D	65	D-2240

Distributed Exclusively by: Plastic Solutions, Inc.
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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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