NAME: HR2320

Product Description:
HR2320 is one of the styrenic terpolymer (ABS) grade with improved toughness and heat resistance versus HIPS grades. HR2320 exhibits low shrinkage and good dimensional stability. HR2320 is widely used in general injection molding applications. Use this information as a guide to aid you in selecting the proper resin for your application.

Applications:
Furniture, automotive parts, general injection molding, appliances casing and home appliances with heat resistance characteristics.

Drying:
Drying prior to processing is recommended in a desiccant dehumidifying hopper dryer. An inlet air dew point of -20°F (-29°C) or below is recommended to achieve a moisture content 0.1%. Typical drying conditions are 2 hours at 180° - 190°F (82° - 88°C). Drying for 4 hours at 160° - 170°F (71°-77°C) is also adequate.

Typical data: (Table)

PROPERTY	UNIT	METHOD	VALUE
MELT FLOW INDEX (200°C/5KG)	GR/10MIN	ASTM D-1238	1.2
IZOD IMPACT STRENGTH	KGF.CM/CM	ASTM D-256	20
VICAT SOFTENING POINT (5KGF LOAD)	°C	ASTM D-1525	103
TENSILE STRENGTH AT YEILD	KGF/CM^2	ASTM D-638	470
ELONGATION AT BREAK	%	ASTM D-638	12
TENSILE MODULUS	KGF/CM^2	ASTM D-638	20000
ROCKWELL HARDNESS (AT 23°C)	R. SCALE	ASTM D-785	107

*All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests. For more information about guaranteed items, please refer to S.S.S. (Standard Sales Specifications)

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