



HR2320

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.

Application

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.

Producer

Tabriz Petrochemical Company

Properties	Value	Units	Test Method
MFR (200° C/ 5 Kg)	1.2	gr/10min	ASTM D-1238
Izod Impact Strength	20	kgf.cm/cm	ASTM D-256
Vicat Softening Point (5kgf Load)	103	°C	ASTM D-1525
Tensile Strength At Yeild	470	kgf/cm ²	ASTM D-638
Elongation At Break	12	%	ASTM D-638
Tensile Modulus	20000	kgf/cm ²	ASTM D-638
Rockwell Hardness(At 23°C)	107	R.SCALE	ASTM D-785

*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)