Atlas Petro
PETROCHEMICAL SUPPLIER

TABRIZ Petrochemical Company

Acrylonitrile- Butadiene- Styrene (ABS)

HR2340

HR2340 is one of the styrenic ter polymers (ABS) grades with improved toughness and heat resistance versus HIPS grades. HR2340 exhibits low shrinkage and good dimensional stability. HR2340 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. Mold shrinkage is around 0.4% -0.6%

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 de humidifying 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.

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX (200°C/5KG)	GR/10MIN	ASTM D-1238	1
IZOD IMPACT STRENGTH	KJ/M2	ASTM D-256	40
VICAT SOFTENING POINT(50N LOAD)	℃	ASTM D-1525	112
BULK DENSITY	KG/M3	-	600
TENSILE STRENGTH AT YEILD	KGF/CM2	ASTM D-638	480
ROCKWELL HARDNESS(AT 23°C)	R.SCALE	ASTM D-785	110

*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)

+77017111544
+96893915661
Email: info@atlaspetro.com
www.atlaspetro.com