



SD0140

SD0140 is one of the styrenic terpolymer(ABS) grade with improved toughness versus HIPS grades. SD0140 exhibits high gloss, low shrinkage, and good dimensional stability. SD0140 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

furnitures, automotive parts , general injection molding, appliances casing, office supplies.

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) | 3.2 | gr/10min | ASTM D-1238 |
| Izod Impact Strength | 23 | kgf.cm/cm | ASTM D-256 |
| Vicat Softening Point (5kgf Load) | 97 | °C | ASTM D-1525 |
| Tensile Strength At Yeild | 450 | kgf/cm ² | ASTM D-638 |
| Rockwell Hardness(At 23°C) | 110 | 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)