

SD0150

SD0150 is one of the styrenic terpolymer(ABS) grade with improved toughness versus HIPS grades. SD0150 exhibits, low shrinkage, and good dimensional stability. SD0150 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)	1.8	gr/10min	ASTM D-1238
Izod Impact Strength	22	kgf.cm/cm	ASTM D-256
Vicat Softening Point (5kgf Load)	98	°C	ASTM D-1525
Tensile Strength At Yeild	450	kgf/cm ²	ASTM D-638
Flexural Strength At Yeild	600	kgf/cm ²	ASTM D-790
Flexural Modulus	22000	kgf/cm ²	ASTM D-790
Rockwell Hardness(At 23°C)	105	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)