

# Technical Data Sheet

**Category: Polymer**

**Product name: ABS SD0150**

**Description:** **ABS 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.

**Typical Applications** 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.

## Characteristics:

Property	Value	Unit	(Test Method)
Melt Flow Rate(200°C, 5kg)	1.4-2.2	g/10min	ASTM D1238
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/cm2	ASTM D-638
Flexural Strength At Yeild	600	kgf/cm2	ASTM D-790
Flexural Modulus	22000	kgf/cm2	ASTM D-790
Rockwell Hardness(At 23°C)	105	R.SCALE	ASTM D-785

