

# AKSAD GROUP PETROCHEM

## 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.

### 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.

Properties	Value	Unit	Method
MELT FLOW INDEX (200°C/5KG)	1.8	GR/10MIN	ASTM D-1238
IZOD IMPACT STRENGTH	22	KJ/M2	ASTM D-256
VICAT SOFTENING POINT(50N LOAD)	98	°C	ASTM D-1525
BULK DENSITY	600	KG/M3	-
TENSILE STRENGTH AT YEILD	450	KGF/CM2	ASTM D-638
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)