



SD-0150

Product Description: General Purpose ABS (Acrylonitrile-Butadiene-Styrene), SD - 0150 grade, is a rigid thermoplastic with good processing characteristics. It is a high flow injection molding grade with considerable impact strength and medium heat deflection.

Applications: This grade is intended for a wide range of applications including auto parts, home appliances, electrical parts/fittings, telecommunication and electronic devices.

PROPERTY	VALUE	UNIT	TEST METHOD
Izod impact (1/4 inch, notched)	20	Kgf.cm/cm	D-256
Melt flow index (200°C , 5 kg)	1.7	gr/10 min	D-1238
Rock well hardness	109	R-scale	D-785
HDT (18.56 Kgf/cm ² , 6.4mm)	84	°C	D-648
HDT (4.6 Kgf/cm ² , 6.4mm)			0
Vicat softening Temp (B/50)	98	°C	Iso R-306
Tensile strength at Yield (5mm/min)	420	Kgf/cm ²	D-638
Flexural strength (23°C , 2.8 mm/min)	630	Kgf/cm ²	D-790
Flexural Modulus (23°C , 2.8 mm/min)	21000	Kgf/cm ²	D-790
Specific Gravity (23°C)	1.04	D-792
Molding Shrinkage	-	%	D-955

All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests.