

STAREX SD-0150AT

ABS

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	20	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
ASTM Data			
Melt Flow Index, MFI	19	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Yield stress	40	MPa	ISO 527
Flexural modulus, 23°C	2350	MPa	ISO 178
Charpy notched impact strength, +23°C	33	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	30	kJ/m ²	ISO 180/1A
Rockwell hardness	R 104	-	ISO 2039-2
ASTM Data			
Tensile Strength at Yield	39	MPa	ASTM D 638
Flexural Modulus	2000	MPa	ASTM D 790
Flexural Strength	52	MPa	ASTM D 790
Rockwell Hardness	R 106	-	ASTM D 785
Izod Impact notched, 1/4 in	320	J/m	ASTM D 256
Thermal properties			
ISO Data			
Vicat softening temperature, B	96	°C	ISO 306
ASTM Data			
DTUL @ 264 psi	85	°C	ASTM D 648
Other properties			
Density	1040	kg/m ³	ISO 1183
Density	1040	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Delivery form

Pellets, Natural Color