

Starex SD-0150				
ABS				
Processing/Physical Characteristics		Value	Unit	Test Standard
ASTM Data				
Melt Flow Index		2.5	g/10min	ASTM D 1238
Temperature		200	°C	-
Load		5	kg	-
Density, 73°F		1040	kg/m ³	ASTM D 792
Rheological properties				
ISO Data		Value	Unit	Test Standard
Melt flow index, MFI		2.5	g/10min	ISO 1133
MFI temperature		200	°C	ISO 1133
MFI load		5	kg	ISO 1133
Mechanical properties				
ISO Data		Value	Unit	Test Standard
Tensile Modulus		2500	MPa	ISO 527-1/-2
Yield stress		42	MPa	ISO 527-1/-2
Yield strain		11	%	ISO 527-1/-2
Stress at break		36	MPa	ISO 527-1/-2
Charpy notched impact strength (+23°C)		24	kJ/m ²	ISO 179/1eA
Flexural modulus (23°C)		2500	MPa	ISO 178
Izod Impact notched, 23°C		17	kJ/m ²	ISO 180/1A
Rockwell hardness		R 109	-	ISO 2039-2
ASTM Data				
Tensile Strength at Yield		41	MPa	ASTM D 638
Flexural Modulus		2100	MPa	ASTM D 790
Flexural Strength		62	MPa	ASTM D 790
Rockwell Hardness		R 109	-	ASTM D 785
Izod Impact notched, 1/4 in		0.2	kJ/m	ASTM D 256
Thermal properties				
ISO Data		Value	Unit	Test Standard
Temp. of deflection under load (1.80 MPa)		79	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)		92	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N		98	°C	ISO 306
Other properties				
ISO Data		Value	Unit	Test Standard
Density		1040	kg/m ³	ISO 1183
Characteristics				
Delivery form		Applications		
Pellets, Natural Color		Electrical and Electronical		
Features				
Low Odor				