

DATASHEET

ASTM Property



Grade	A-351
Product	TPO

General Information

Key Features High Stiffness, Heat Resistance, High Impact strength

Applications Automotive Parts, Domestic Appliances, Industrial Uses etc

Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	13.0
Density	ASTM D1505	g/cm ³	0.970
Mechanical			
Tensile Stress (Yield)	ASTM D638	MPa	29
Tensile Strain (Break)	ASTM D638	%	35.0
Flexural Strength	ASTM D790	MPa	44.0
Flexural Modulus	ASTM D790	MPa	2300
Impact			
Izod Impact Strength(notched) (23°C)	ASTM D256	J/m	60.0
Izod Impact Strength(notched) (-10°C)	ASTM D256	J/m	35.0
Thermal			
Heat Deflection Temperature(0.45MPa)	ASTM D1525	°C	130

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2021/10/01