

DATASHEET

ASTM Property



Grade	V-235
Product	TPO

General Information

Key Features Flame retardant property, Heat resistance

Applications Home appliances

Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	6.0
Density	ASTM D1505	g/cm ³	1.30
Mechanical			
Tensile Stress (Yield)	ASTM D638	MPa	33
Tensile Strain (Break)	ASTM D638	%	30.0
Flexural Strength	ASTM D790	MPa	-
Flexural Modulus	ASTM D790	MPa	3000
Impact			
Izod Impact Strength(notched) (23°C)	ASTM D256	J/m	30.0
Izod Impact Strength(notched) (-30°C)	ASTM D256	J/m	20.0
Thermal			
Heat Deflection Temperature(0.45MPa)	ASTM D1525	°C	135

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

* The last update date : 2021/10/01