

Absolan 2500

Styrene Acrylonitrile (SAN)

TECHNICAL DATASHEET

DESCRIPTION

Absolac® 2500 is a heat and chemical resistant grade

FEATURES

- Good heat resistance
- Good chemical resistance

APPLICATIONS

- Automotive parts
- Lighters, Industrial Goods
- Toothbrushes
- Utility box, Crystal/Beads
- Battery Cases

Property, Test Condition	Standard	Unit	Values
Rheological Properties			
Melt Flow Rate, 220 °C/10 kg	ISO 1133	g/10 min	> 11
Mechanical Properties			
Izod Notched Impact Strength, 1/4" bar, 0.010" Notch Radius, 23 °C (73 °F)			1.3
Tensile Stress at Yield, 23 °C	ISO 527	MPa	810
Hardness, Rockwell		M scale	88
Thermal Properties			
Vicat Softening Temperature, B/2 (120 °C/h, 50N)	ASTM D 1525	°C	107
Heat Deflection Temperature A; (annealed 4 h/80 °C; 1.8 MPa)	ISO 75	°C	100
Heat Deflection Temperature B; (annealed 4 h/80 °C; 0.45 MPa)	ISO 75	°C	103
Other Properties			
Density	ISO 1183	kg/m ³	1070