

Absolan 2300

Styrene Acrylonitrile (SAN)

TECHNICAL DATASHEET

DESCRIPTION

Absolac® 2300 is a good flow grade

FEATURES

- Good flow

APPLICATIONS

- Ball Pens
- Toothbrushes
- Refrigeration
- House hold & Electrical application
- Stationery Goods

Property, Test Condition	Standard	Unit	Values
Rheological Properties			
Melt Flow Rate, 220 °C/10 kg	ISO 1133	g/10 min	> 30
Mechanical Properties			
Izod Notched Impact Strength, 1/4" bar, 0.010" Notch Radius, 23 °C (73 °F)			1.5
Tensile Stress at Yield, 23 °C	ISO 527	MPa	700
Tensile Modulus	ISO 527	MPa	2000
Flexural Strength	ISO 178	MPa	60
Hardness, Rockwell		M scale	86
Thermal Properties			
Vicat Softening Temperature, VST/A/50 (10N, 50°C/h)	ISO 306	°C	104
Vicat Softening Temperature, B/2 (120 °C/h, 50N)	ASTM D 1525	°C	105
Heat Deflection Temperature A; (annealed 4 h/80 °C; 1.8 MPa)	ISO 75	°C	99
Heat Deflection Temperature B; (annealed 4 h/80 °C; 0.45 MPa)	ISO 75	°C	101
Electrical Properties			
Volume Resistivity	IEC 60093	Ohm*m	1E12
Surface Resistivity	IEC 60093	Ohm	1e+013
Other Properties			

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Density	ISO 1183	kg/m ³	1070
Water Absorption, Saturated at 23°C	ISO 62	%	1.65
Processing			
Linear Mold Shrinkage	ISO 294-4	%	0.5 - 0.9