

# Absolan 2300 Sparkle

Styrene Acrylonitrile (SAN)

## TECHNICAL DATASHEET

### DESCRIPTION

Absolac® 2300 Sparkle is a good flow grade

### FEATURES

- Good flow

### APPLICATIONS

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

Property, Test Condition	Standard	Unit	Values
<b>Rheological Properties</b>			
Melt Flow Rate, 220 °C/10 kg	ISO 1133	g/10 min	> 45
<b>Mechanical Properties</b>			
Izod Notched Impact Strength, 1/4" bar, 0.010" Notch Radius, 23 °C (73 °F)			1.0
Tensile Stress at Yield, 23 °C	ISO 527	MPa	690
Tensile Modulus	ISO 527	MPa	2200
Flexural Strength	ISO 178	MPa	65
<b>Thermal Properties</b>			
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	103
<b>Electrical Properties</b>			
Volume Resistivity	IEC 60093	Ohm*m	1E12
Surface Resistivity	IEC 60093	Ohm	1e+013
<b>Other Properties</b>			
Density	ISO 1183	kg/m <sup>3</sup>	1070
Water Absorption, Saturated at 23°C	ISO 62	%	1.65
<b>Processing</b>			

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Linear Mold Shrinkage	ISO 294-4	%	0.5 - 0.9