

## DESCRIPTION

Absolac® 2300 Sparkle 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
<b>Rheological Properties</b>			
<b>Mechanical Properties</b>			
Izod Notched Impact Strength, 1/4" bar, 0.010" Notch Radius, 23 °C (73 °F)	-	-	1
Tensile Stress at Yield, 23 °C	ISO 527	MPa	690
Tensile Modulus	ISO 527	MPa	2200
Flexural Strength, 23 °C	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>			
<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>			
Linear Mold Shrinkage	ISO 294-4	%	0.5 - 0.9

Typical values for uncolored products

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## SUPPLY FORM

Absolan is delivered in the form of cylindrical pellets. Standard Packaging unit: 25 kg with HDPE laminate paper bag with HMHDPE liner . In dry areas with normal temperature control, Absolan can be stored for relatively long periods of time without any change in mechanical properties. Absolan absorbs moisture, but this can be removed by drying.

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## PRODUCT SAFETY

Under the recommended processing conditions small quantities of decomposition product may be given off during processing. To preclude any risk to the health and well-being of the machine operatives, tolerance limits for the work environment must be ensured by the provision of efficient exhaust ventilation and fresh air at the workplace in accordance with the Safety Data Sheet. In order to prevent the partial decomposition of the polymer and the generation of volatile decomposition products, the prescribed processing temperatures should not be substantially exceeded. Since excessively high temperatures are generally the result of operator error or defects in the heating system, special care and controls are essential in these areas.

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