

Technical Data

Product Description

Absolac® 2300 is a good flow grade

FEATURES

- Good flow

APPLICATIONS

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

General

Material Status	• Commercial: Active		
Literature ¹	• Technical Datasheet (English)		
Search for UL Yellow Card	• INEOS Styrolution		
Availability	• Asia Pacific		
Features	• Good Flow		
Uses	• Electrical/Electronic Applications • Household Goods	• Stationary Supplies • Toothbrush Handles	• Writing Instruments
Forms	• Pellets		

Physical	Nominal Value Unit	Test Method
Density	1.07 g/cm ³	ISO 1183
Molding Shrinkage	0.50 to 0.90 %	ISO 294-4
Water Absorption (Saturation, 23°C)	1.7 %	ISO 62
Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	2000 MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	700 MPa	ISO 527-2
Flexural Stress (23°C)	60.0 MPa	ISO 178
Impact	Nominal Value Unit	Test Method
Notched Izod Impact ³ (23°C, 6.35 mm)	1.50	
Hardness	Nominal Value Unit	Test Method
Rockwell Hardness (M-Scale)	86	
Thermal	Nominal Value Unit	Test Method
Heat Deflection Temperature		
0.45 MPa, Annealed	101 °C	ISO 75-2/B
1.8 MPa, Annealed	99.0 °C	ISO 75-2/A
Vicat Softening Temperature		
--	105 °C	ASTM D1525 ⁴
--	104 °C	ISO 306/B50

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

³ 0.01 in Notch Radius

⁴ Rate B (120°C/h), Loading 2 (50 N)

