

Technical Information

SAN 140
SAN Resin

Overview

The SAN 140 is a styrene-acrylonitrile co-polymer with an excellent chemical resistance and very high flow, suitable for blending purposes. No additives such as colourants, internal or external lubricants are added to the SAN 140.

Applications:

- Blending and compounding with ABS and other polymers.

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.08 g/cm ³	1.08 g/cm ³	ISO 1183
Apparent (Bulk) Density	0.61 g/cm ³	0.61 g/cm ³	ISO 60
Melt Mass-Flow Rate (MFR)			ISO 1133
220°C/10.0 kg	100 g/10 min	100 g/10 min	
230°C/3.8 kg	40 g/10 min	40 g/10 min	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature			
--	216 °F	102 °C	ISO 306/B50
--	232 °F	111 °C	ISO 306/A120
CLTE - Flow	2.8E-5 in/in/°F	5.0E-5 cm/cm/°C	ISO 11359-2
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating ¹ (0.06 in (1.5 mm))	HB	HB	UL 94

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

¹ This rating not intended to reflect hazards presented by this or any other material under actual fire conditions.

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