

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

Additional Information

Mass balance versions (bio-based (BIO) or chemically recycled (CR)) of this product are chemically and physically indistinguishable to the standard fossil grade. This technical data sheet applies to all versions. Letters of sameness are available upon request.