



VINPOL™ SAN100

Styrene Acrylonitrile

Melt Flow: 10

Blue & Ice Tints

VINPOL SAN100 is a high transparency SAN (Styrene Acrylonitrile) resin designed for applications such as cups, water tanks, mixers, juicers, pencil cases, CD cases and various office products.

Resin Property	Typical Value	Units	Test Method
Melt Flow Rate, 230°C/3.8kg	10	g/10 min	ASTM D-1238
Melt Flow Rate, 200°C/5kg	3	g/10 min	ASTM D-1238
Density	1.07	g/cm³	ASTM D-792
Tensile Strength	10,082 (69.5)	psi (MPa)	ASTM D-638
Elongation	4.5	%	ASTM D-638
Flexural Strength	14,910 (103)	psi (MPa)	ASTM D-790
Flexural Modulus	489,900 (3,380)	psi (MPa)	ASTM D-790
Vicat Softening Temperature	225 (107)	°F (°C)	ASTM D-1525
Heat Distortion Temperature, 1.82 MPa	198 (92)	°F (°C)	ASTM D648
Water Absorption	0.3	%	ASTM D-570
Mold Shrinkage	0.2-0.6	%	ASTM D-955
Flame Rating, 1.6mm	HB	-	UL 94

Vinmar Polymers America cannot anticipate or control the many different conditions under which this information and/or product may be used. It does not guarantee the applicability or the accuracy of this information or the suitability of its products in any given situation. User of the material should make their own tests to determine the suitability of each such product for their particular purposes. The data listed herein falls within the normal range of product properties, but they should not be used to establish specification limits or used alone as the basis of design.

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