

## 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/cm <sup>3</sup>	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

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