

**SAN 1400****AS Resin****DESCRIPTION**

- Injection
- Compounding

Properties	Test	Test Condition	SI unit	
			Unit	s.p.
Mechanical				
Izod Impact Strength	ASTMD256	23°C , 1/4 in notched	kg-cm/cm	1.8
Izod Impact Strength	ASTMD256	23°C , 1/8 in notched	kg-cm/cm	1.9
Tensile Strength at Yield	ASTMD638	23°C , 1/8 in, 5 mm/min	kg/cm²	710
Tensile Strength at Break	ASTMD638	23°C , 1/8 in, 5 mm/min	kg/cm²	700
Elongation at Break	ASTMD638	23°C , 1/8 in, 5 mm/min	%	5
Flexural Yield	ASTMD790	23°C , 2.8 mm/min	kg/cm²	1100
Flexural Modulus	ASTMD790	23°C , 2.8 mm/min	kg/cm²	34000
Thermal				
Heat Distortion Temperature	ASTMD648	Unannealed, 1/2 in, 18.56 kg/cm² load pressure	°C	91
Vicat Softening Temperature	ASTMD1525	1/8 in , 1 kg load	°C	104
Physical				
Specific Gravity	ASTMD792			1.06
Rockwell Hardness	ASTMD785	23°C	M-scale	83
Mold Shrinkage	ASTMD955		%	≤ 0.5
Melt Flow Index	ASTMD1238	200°C , 5kg load	g/10min	2.8
		220°C , 10kg load	g/10min	30
Flammability	UL-94	1/16 in	File No E50263	HB

Note : The data listed represent average values and are believed to be reliable. They are given for information; no guarantee of their accuracy is made.