

**SAN 1600H****AS Resin****DESCRIPTION**

- Injection
- Compounding
- Lighter

Properties	Test	Test Condition	SI unit	
			Unit	s.p.
Mechanical				
Izod Impact Strength	ASTMD256	23°C , 1/4 in notched	kg-cm/cm	2.5
Izod Impact Strength	ASTMD256	23°C , 1/8 in notched	kg-cm/cm	2.5
Tensile Strength at Yield	ASTMD638	23°C , 1/8 in, 5 mm/min	kg/cm²	810
Tensile Strength at Break	ASTMD638	23°C , 1/8 in, 5 mm/min	kg/cm²	750
Elongation at Break	ASTMD638	23°C , 1/8 in, 5 mm/min	%	8
Flexural Yield	ASTMD790	23°C , 2.8 mm/min	kg/cm²	1200
Flexural Modulus	ASTMD790	23°C , 2.8 mm/min	kg/cm²	36000
Thermal				
Heat Distortion Temperature	ASTMD648	Unannealed, 1/2 in, 18.56 kg/cm² load pressure	°C	95
Vicat Softening Temperature	ASTMD1525	1/8 in , 1 kg load	°C	108
Physical				
Specific Gravity	ASTMD792			1.06
Rockwell Hardness	ASTMD785	23°C		M-85
Mold Shrinkage	ASTMD955		%	≤ 0.5
Melt Flow Index	ASTMD1238	200°C , 5kg load	g/10min	1.2
Flammability	UL-94	1/16 in	File No E50263	HB

