

Taita Chemical Company, Limited

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Product Information
Ver. : 2.0

SAN 1300**ABS Resin****DESCRIPTION**

- Injection

Properties	Test	Test Condition	SI unit	
			Unit	s.p.
Mechanical				
Izod Impact Strength	ASTMD256	23°C , 1/2 in notched	kg-cm/cm	1.7
Izod Impact Strength	ASTMD256	23°C , 1/8 in notched	kg-cm/cm	1.8
Tensile Strength at Yield	ASTMD638	23°C , 1/8 in, 5 mm/min	kg/cm²	700
Tensile Strength at Break	ASTMD638	23°C , 1/8 in, 5 mm/min	kg/cm²	690
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	90
Vicat Softening Temperature	ASTMD1525	1/8 in , 1 kg load	°C	103
Physical				
Specific Gravity	ASTMD792			1.06
Rockwell Hardness	ASTMD785	23°C ,		M-82
Mold Shrinkage	ASTMD955		%	≤0.5
Melt Flow Index	ASTMD1238	200°C , 5kg load	g/10min	5.0
		220°C ,10kg load	g/10min	50
Flammability	UL-94	1/16 in		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.