

## TAIRISAN NX3200 SAN resin - High Heat, Chemical Resistance

Property	Unit	Test Method	Test Condition	NX3200
Tensile Strength	kg/cm <sup>2</sup> (MPa)	ASTM D-638 ( ISO527)	23°C	800 (78)
Flexural Strength	kg/cm <sup>2</sup> (MPa)	ASTM D-790 ( ISO178)	23°C	1200 (118)
Flexural Modulus	kg/cm <sup>2</sup> (MPa)	ASTM D-790 ( ISO178)	23°C	40000 (3920)
Rockwell Hardness	R-Scale	ASTM D-785 ( ISO2039/2 )	23°C	M-85
Izod Impact Strength	kg-cm/cm (Jm)	ASTM D-256 ( ISO R180 )	23°C 1/4" bar	1.8 (18)
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75/A)	Unannealed 18.6kg/cm <sup>2</sup> ( 1/2" bar )	92
Melt Flow Index	g/10 min	ASTM D-1238 ( ISO1133 )	200°C × 5kg ( 49N )	1.5
			220°C × 10kg ( 98N )	15
Molding Shrinkage	%	FCFC Method	23°C	0.2 - 0.5
Specific Gravity		ASTM D-792 ( ISO1183 )	23°C/23°C	1.07
Flammability		UL-94	FILE NO. E162823	1/16" HB All Color

The above typical data is supplied only for technical information and may be changed without prior notice.