

TAIRISAN NX3400 SAN resin - High Heat, Chemical Resistance

Property	Unit	Test Method	Test Condition	NX3400
Tensile Strength	kg/cm ² (MPa)	ASTM D-638 (ISO527)	23°C	820 (80)
Flexural Strength	kg/cm ² (MPa)	ASTM D-790 (ISO178)	23°C	1300 (127)
Flexural Modulus	kg/cm ² (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 ² (1/2" bar)	94
Melt Flow Index	g/10 min	ASTM D-1238 (ISO1133)	200°C × 5kg (49N)	1.0
			220°C × 10kg (98N)	10
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.