



SUPRAN[®] LFT PA

Long glass fiber reinforced PA6

SUPRAN[®] PA3230

30% long glass fiber reinforced high tough polyamide 6. It offers outstanding impact resistance.

Property		unit	Method	High modulus
				PA3230
Mechanical properties				
Tensile strength		kg/cm²	ASTM D638	1600
Elongation at break		%	ASTM D638	3.5
Flexural strength		kg/cm²	ASTM D790	2150
Flexural modulus		kg/cm²	ASTM D790	73750
Izod impact strength	23℃	kg.cm/cm	ASTM D256	40
	-30℃			38
Thermal properties				
HDT at 18.6kg/cm²		℃	ASTM D648	215
Flammability		UL Class	UL94	HB
General properties				
Specific gravity			ASTM D792	1.36
Water absorption(24h)		%	ASTM D570	-
Molding condition				
Melt temperature		℃		260-280
Mold temperature		℃		70-120
Drying time		hrs		2-4
Drying temperature		℃		80
Shrinkage		%	ASTM D648	0.4

※ Data in the table are typical values and not guaranteed specifications.