



SUPRAN[®] LFT PA

Long glass fiber reinforced PA6

SUPRAN[®] PA1345

45 % long glass fiber reinforced polyamide 6. High Stiffness & superior mechanical balanced.

Property		unit	Method	High modulus
				PA1345
Mechanical properties				
Tensile strength		kg/cm²	ASTM D638	2330
Elongation at break		%	ASTM D638	3.3
Flexural strength		kg/cm²	ASTM D790	3300
Flexural modulus		kg/cm²	ASTM D790	130000
Izod impact strength	23℃	kg.cm/cm	ASTM D256	35
	-30℃			35
Thermal properties				
HDT at 18.6kg/cm²		℃	ASTM D648	215
Flammability		UL Class	UL94	HB
General properties				
Specific gravity			ASTM D792	1.50
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	0.2

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