



SUPRAN[®] LFT PP

Long glass fiber reinforced PP

SUPRAN[®] 1340E

40 % long glass fiber reinforced Polypropylene. High Stiffness, high toughness & superior mechanical balanced. It offers outstanding impact resistance.

Property		unit	Method	High modulus
				1340
Mechanical properties				
Tensile strength		kg/cm²	ASTM D638	1320
Elongation at break		%	ASTM D638	3.0
Flexural strength		kg/cm²	ASTM D790	1720
Flexural modulus		kg/cm²	ASTM D790	73000
Izod impact strength	23℃	kg.cm/cm	ASTM D256	36
	-30℃			37
Thermal properties				
HDT at 18.6kg/cm²		℃	ASTM D648	161
Flammability		UL Class	UL94	HB
General properties				
Specific gravity			ASTM D792	1.20
Water absorption(24h)		%	ASTM D570	0.02
Molding condition				
Melt temperature		℃		215-230
Mold temperature		℃		40-70
Drying time		hrs		2
Drying temperature		℃		90
Shrinkage		%	ASTM D648	0.2

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