



SUPRAN[®] LFT PP

Long glass fiber reinforced PP

SUPRAN[®] PP1350

50 % long glass fiber reinforced Polypropylene. High Stiffness, high toughness & superior mechanical balanced.

Property		unit	Method	High modulus
				PP1350
Mechanical properties				
Tensile strength		kg/cm²	ASTM D638	1500
Elongation at break		%	ASTM D638	2.2
Flexural strength		kg/cm²	ASTM D790	2150
Flexural modulus		kg/cm²	ASTM D790	100400
Izod impact strength	23℃	kg.cm/cm	ASTM D256	32
	-30℃			32
Thermal properties				
HDT at 18.6kg/cm²		℃	ASTM D648	166
Flammability		UL Class	UL94	HB
General properties				
Specific gravity			ASTM D792	1.30
Water absorption(24h)		%	ASTM D570	0.02
Molding condition				
Melt temperature		℃		210-220
Mold temperature		℃		40-70
Drying time		hrs		2
Drying temperature		℃		90
Shrinkage		%	ASTM D648	0.2~0.3

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