



SUPRAN[®] LFT PP

Long glass fiber reinforced PP

SUPRAN[®] PP3240

40 % long glass fiber reinforced super tough Polypropylene. It offers outstanding impact resistance.

Property		unit	Method	Super tough
				PP3240
Mechanical properties				
Tensile strength		kg/cm²	ASTM D638	930
Elongation at break		%	ASTM D638	3.2
Flexural strength		kg/cm²	ASTM D790	1050
Flexural modulus		kg/cm²	ASTM D790	48000
Izod impact strength	23℃	kg.cm/cm	ASTM D256	83
	-30℃			70
Thermal properties				
HDT at 18.6kg/cm²		℃	ASTM D648	155
Flammability		UL Class	UL94	HB
General properties				
Specific gravity			ASTM D792	1.20
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	0.3

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