

TECHNICAL DATASHEET

TRILFT® LF9010G40

PP + Long Glass Fiber

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.19
MECHANICAL			
Tensile Strength at yield	kgf/cm ²	D638	1,250
Flexural Strength at yield	kgf/cm ²	D790	1,650
Flexural Modulus	kgf/cm ²	D790	70,000
Izod Impact Strength, notched, 23℃ (1/8")	kgf·cm/cm	D256	20
THERMAL			
HDT, 4.6 kgf/cm ²	℃		160
ELECTRICAL			
OTHERS			
Mold Shrinkage (3mm thickness)	%	D955	0.25~0.4

※ The figures listed in this table are typical values obtained under the standard test methods and may not be applicable for products that are under different application condition.

PROCESSING GUIDE

TRILFT® LF9010G40 GRADE

PP + Long Glass Fiber

- General processing conditions for TRILFTLF9010G40 are shown below. Drying prior to processing is essential to ensure desired appearance and property performance.

SPECIFICATION	UNIT	CONDITIONS
Drying Temperature	℃	80~100
Drying Time	hr	3~5
Moisture Content, Max	%	0.02
Melt Temperature	℃	220~240
Nozzle Temperature	℃	230~240
Front Temperature	℃	220~230
Middle Temperature	℃	220~230
Rear Temperature	℃	210~220
Mold Temperature	℃	40
Screw Speed	rpm	<50
Vent Depth	mm	0.02~0.05

Global Network

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