

# Grade Designation LFT-PP-LGF

File Number: E534017

Yellow Card™



ALSO CERTIFIED TO IEC REQUIREMENTS

Component - Plastics

E534017

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## Xiamen LFT Composite Plastic Co Ltd

No.55 Hongxi South Rd Industrial Zone Torch High-Tech Zone (Xiang'An), Xiamen, Fujian 361100 China

### LFT-PP-LGF

Polypropylene (PP), glass reinforced, furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI (PLC)	HAI (PLC)	GWIT (°C)	GWFI (°C)	RTI Elec (°C)	RTI Imp (°C)	RTI Str (°C)
BK	2.0	HB	0	0	--	--	65	65	65
	3.0	HB	0	0	--	--	65	65	65

Comparative Tracking Index (CTI) (PLC):	--	IEC Comparative Tracking Index (V):	--	IEC CTI Material Group:	--
Inclined Plane Tracking (IPT) (kv):	--	High-Voltage Arc Tracking Rate (HVTR) (PLC):	--	Dielectric Strength (DS) (kv/mm):	--
Volume Resistivity (VR) (10 <sup>x</sup> ohm cm):	--	Ball Pressure Temperature (BPT) (°C):	--	High Volt, Low Current Arc Resis (D495):	--

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

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#### FLAMMABILITY PROPERTIES

#### VALUE

#### TEST METHOD

Flammability

ANSI/UL 94

2.0 mm, Color: BK

HB

3.0 mm, Color: BK

HB

#### ISO/IEC FLAMMABILITY PROPERTIES

#### VALUE

#### TEST METHOD

Flammability

IEC 60695-11-10

2.0 mm, Color: BK

HB75

3.0 mm, Color: BK

HB40

**ELECTRICAL PROPERTIES**

**VALUE**

**TEST METHOD**

Hot-wire Ignition (HWI)

UL 746A

2.0 mm

PLC 0

3.0 mm

PLC 0

High Amp Arc Ignition (HAI)

UL 746A

2.0 mm

PLC 0

3.0 mm

PLC 0

**THERMAL PROPERTIES**

**VALUE**

**TEST METHOD**

Relative Thermal Index - Electrical Strength

UL 746B

2.0 mm

65 °C

3.0 mm

65 °C

Relative Thermal Index - Mechanical Impact

UL 746B

2.0 mm

65 °C

3.0 mm

65 °C

Relative Thermal Index - Mechanical Strength

UL 746B

2.0 mm

65 °C

3.0 mm

65 °C

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