Grade Designation LFT-PP-LGF

File Number: E534017

Yellow Card™

ALSO CERTIFIED TO IEC REQUIREMENTS

Component - Plastics E534017

Guide Information View Certificate of Compliance

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^x 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.

Report Date: 2026-06-11
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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	