

LFT-G[®] PPS-NA-LCF30

Product Name	● LFT-G [®] PPS-NA-LCF30
Resin Description	● Polyphenylene Sulfide
Fiber Type	● Long Carbon Fiber
Fiber Content	● 30%
Color	● Black
Processed Method	● Injection molding

Physical	Typical Characteristic	Testing Standard
比重 Specific Gravity	1.45 g/cm ³	ASTM D-792

Mechanical	Typical Characteristic	Testing Standard
拉伸强度 Tensile Strength	185 MPa	ASTM D-638
拉伸模量 Tensile Modulus	33790 MPa	ASTM D-638
拉伸伸长率 Tensile Elongation	0.70 %	ASTM D-638
弯曲强度 Flexural Strength	293 MPa	ASTM D-790
弯曲模量 Flexural Modulus	25509 MPa	ASTM D-790
未切口冲击强度 Un-Notched Izod Impact	461 J/m	ASTM D-4812

LFT-G[®] PPS-NA-LCF30

Flammability

Typical Characteristic

Testing Standard

阻燃性

Flame Retardant

HB @ 1.5 mm

ASTM D-635

Processing Notes

Molding guidelines and processing conditions for LFT-G[®] long fiber composite pellets are available in our Material Processing Guide. Please contact our technical support team if you require additional information regarding processing a particular product or guidance resolving problems.

Values included in this Property Data Sheet are based on limited laboratory test specimens. These values are typical values and are not meant to be used for setting maximum or minimum values for specification purposes. Any determination of the suitability of the materials shown in this property data sheet for use by the end user is the sole responsibility of the user, who must assure himself that the material as subsequently processed meets the need of his particular product or use. To the best of our knowledge the information in this publication is accurate and reliable, LFT-G[®] does not assume any liability whatsoever for the accuracy of this information.

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Availability : Global