

## Technical Data Sheet

### LFT-G® LFT-HPP-NANG03

Product Name	● LFT-G® LFT-HPP-NANG03
Resin Description	● Homopolymer PP (Polypropylene)
Fiber Type	● Long Glass Fiber
Fiber Content	● 30%
Color	● Natural, and custom colors
Processed Method	● Injection molding

Physical	Typical Characteristic	Testing Standard
Specific Gravity	1.12 g/cm <sup>3</sup>	ASTM D-792
Molding Shrinkage	0.10 - 0.30 %	ASTM D-955
	(1/8 in (3.2 mm)section)	

Mechanical	Typical Characteristic	Testing Standard
Tensile Strength	105 MPa	ASTM D-638
Tensile Modulus	6893 MPa	ASTM D-638
Tensile Elongation	2.0 - 3.0 %	ASTM D-638
Flexural Modulus	6339 MPa	ASTM D-790
Notched Izod Impact	280 J/m	ASTM D-256
Un-Notched Izod Impact	799 J/m	ASTM D-4812

### 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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