



# **SE4818** **LOW ODOR**

**FOR LOW ODOR LFT & CFRT PP APPLICATIONS**

**SE4818 Low Odor is specifically designed for excellent processing and handling for LFT (long fiber reinforced thermoplastic) & CFRT (continuous fiber reinforced thermoplastics) PP applications where low odor is required.**

Manufactured using state-of-the-art Owens Corning® Type 30™ Single-End-Roving technology.

- Excellent compatibility with polypropylene.
- Produced via statistical process control in manufacturing facilities certified to ISO 9001.
- Produced with patented Advantex® corrosion resistant E-CR glass by Owens Corning.

**Product Benefits**

**Low Odor Verified**

- SE4818 Low Odor has been proven to meet low odor requirements per OEM test standards for automotive interior composite parts. Test methods include: VDA270 German Association of the Automotive Industry, PV3900 Volkswagen SAE standards and testing and the Geely Low Odor test method Q/JLY J1770528D.

**Excellent Processing – low fuzz**

- No catenary and low fuzz promotes superior processing, enabling higher efficiencies and lower manufacturing costs with less downtime for clean-up.

**Superior Composite Strength**

- Compared to other reinforcements on the market, SE4818 Low Odor offers superior composite tensile, flexural and Impact performance. Providing maximum part strength and long part service life.

**Excellent Impregnation & Dispersion**

- High Quality Dispersion within the pellet and final mold, creating excellent surface appearance and part strength.

**Application**

SE4818 Low Odor is ideal for interior automotive composite parts where low odor is required. This material can also be used in a variety of other applications.

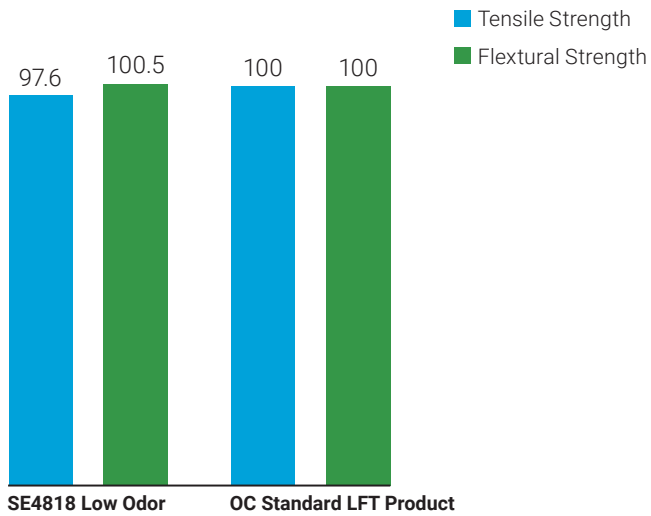
**Availability**

SE4818 Low Odor is available in Asia Pacific.

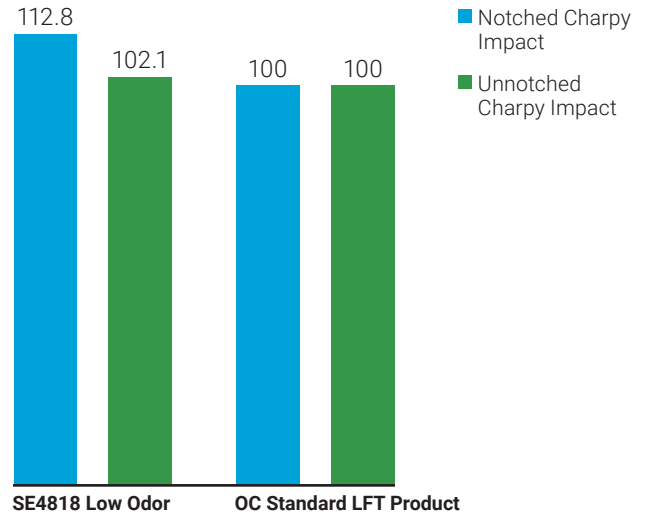
TEX	FILAMENT DIAMETER (μ)	LOSS ON IGNITION (%)	MOISTURE (% MAX)	MANUFACTURING REGION
2400	17	0.35	<0.05	Asia Pacific

## Technical Characteristics

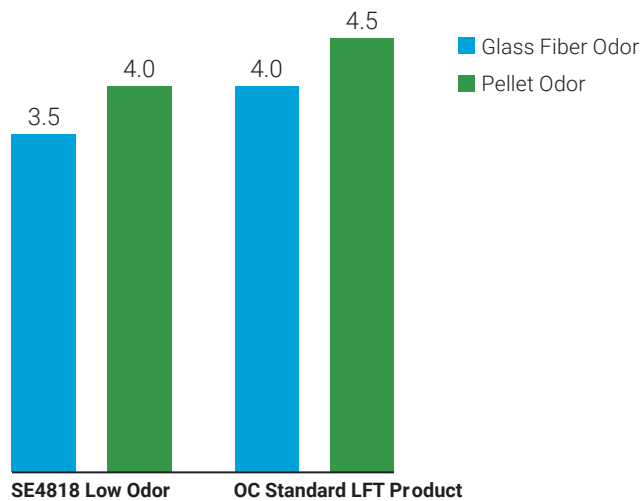
### STRENGTH



### IMPACT



### Odor test



SE4818 Low Odor is proven to have less odor compared to standard LFT products.

#### Data Resources

- **Odor:** PV3900, tested by Intertek.
- **Mechanical properties:** 50% GF, ISO test bars prepared by injection molding. Tested by TP lab ATC. All data normalized to 100.

**Packaging**  
(Standard Reference)

Packaging and Palletization (Standard Reference)

**PALLET DIMENSIONS**

PACKAGING	PALLET HEIGHT (CM)	PALLET LENGTH (CM)	PALLET WIDTH (CM)	PALLET WEIGHT (NET, KG)	PACKAGES PER PALLET	NUMBER OF LAYERS
No Tube	~125	115	115	~1200	64	4
No Tube	~97	115	115	~900	48	3
Thicker Tube	~100	115	115	~900	48	3

**PACKAGE DIMENSIONS**

PACKAGE HEIGHT (CM)	PACKAGE OUTSIDE DIAMETER (CM)	PACKAGE INSIDE DIAMETER (CM)		PACKAGE WEIGHT (KG, WEIGHT% IN PALLET)		
<28.0	<30.0	>16.2 (No tube)	~16.2 (Thick tube)	16~20 (70%)	10~16 (25%)	5~10 (5%)

**Labeling**

Each individual package is labeled with information including product name, tex/yield, producing plant and production date.

**Storage**

Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. The glass fiber products must remain in their original packaging material until the point of usage. The product should be stored in the workshop in its original packaging for 48 hours prior to its utilization, to allow it to reach the workshop temperature condition and prevent condensation, especially during the cold season. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water.

When stored properly, there is no known shelf life to the product, but retesting is advised after three years from the initial production date to insure optimum performance.



**Americas**

**Owens Corning Composite Materials, LLC.**

One Owens Corning Parkway  
Toledo, Ohio, USA 43659  
1-800-GET-PINK®

**Europe**

**European Owens Corning Fibreglas Sprl.**

166 Chaussée de la Hulpe  
B-1170 Brussels  
Belgium  
+32 3 674 8211

**Asia Pacific**

**Owens Corning Shanghai Regional Headquarters**

40/F, Pudong Kerry Parkside,  
115 Fang Dian Road, Pudong,  
Shanghai, 201204, China  
+86-21-6101 9666

<https://www.owenscorning.com/composites> | [Composites@owenscorning.com](mailto:Composites@owenscorning.com)

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