



## LUVOCOM® 3F

### Materials for Fused Filament Fabrication

- Easy to process
- No warping
- No heated chamber needed
- High mechanical strength
- Low anisotropy



3D PRINTING

### Product Overview LUVOCOM 3F



| Material                        | Polymer | Modification              | Color         | Further information           |
|---------------------------------|---------|---------------------------|---------------|-------------------------------|
| LUVOCOM® 3F PEEK 9581 NT        | PEEK    | Modified neat             | Natural beige |                               |
| LUVOCOM® 3F PEEK CF 9676 BK     | PEEK    | 15% CF                    | Black         |                               |
| LUVOCOM® 3F PEEK GF 9761 BK     | PEEK    | 15% GF                    | Black         |                               |
| LUVOCOM® 3F PEKK 50082 NT       | PEKK    | Modified neat             | Natural beige |                               |
| LUVOCOM® 3F PEI 50236 GY        | PEI     | Modified neat             | Grey          | Similar to RAL 7012           |
| LUVOCOM® 3F PPS CF 9938 BK      | PPS     | 15% CF                    | Black         |                               |
| LUVOCOM® 3F PPS GF 50300 BK     | PPS     | 25% GF                    | Black         |                               |
| LUVOCOM 3F PAHT® 9825 NT        | PAHT    | Modified neat             | Natural white |                               |
| LUVOCOM 3F PAHT® 9875 NT        | PAHT    | Modified neat             | Natural white | Minimized water uptake        |
| LUVOCOM 3F PAHT® 9936 BK        | PAHT    | Modified neat             | Black         | Optimized surface appearance  |
| LUVOCOM 3F PAHT® KK 50056 BK FR | PAHT    | Ceramic spheres           | Black         | Flame retardant               |
| LUVOCOM 3F PAHT® CF 9742 BK     | PAHT    | 15% CF                    | Black         |                               |
| LUVOCOM 3F PAHT® CF 9891 BK     | PAHT    | 15% CF                    | Black         | Minimized water uptake        |
| LUVOCOM 3F PAHT® CF 9743 BK     | PAHT    | 25% CF                    | Black         |                               |
| LUVOCOM 3F PAHT® GK 9874 NT     | PAHT    | 10 % hollow glass spheres | Natural white |                               |
| LUVOCOM 3F PAHT® 9826 BK        | PAHT    | Tribological              | Black         |                               |
| LUVOCOM® 3F PET CF 9780 BK      | PET     | 15% CF                    | Black         |                               |
| LUVOCOM® 3F eco PET CF 50291 BK | PET     | Modified neat             | Black         | Based on 90% recycled PET     |
| LUVOCOM® 3F TPU CNT 9902 BK     | TPU     | CNT                       | Black         | Electrically Conductive (ESD) |
| LUVOCOM® 3F PP CF 9928 BK       | PP      | 20% CF                    | Black         |                               |
| LUVOCOM® 3F PP 9929 NT          | PP      | Modified neat             | Natural white |                               |



## Product Overview LUVOCOM 3F Filament

| LUVOCOM 3F Filament<br>available in 1.75 and 2.85mm,<br>750g spools | Polymer | Modification  | Color         | Further information          |
|---|---------|---------------|---------------|------------------------------|
| LUVOCOM 3F Filament PAHT® 9825 NT                                   | PAHT    | Modified neat | Natural white |                              |
| LUVOCOM 3F Filament PAHT® 9936 BK                                   | PAHT    | Modified neat | Black         | Optimized surface appearance |
| LUVOCOM 3F Filament PAHT® CF 9891 BK                                | PAHT    | 15% CF        | Black         | Minimized water uptake       |
| LUVOCOM® 3F Filament PET CF 9780 BK                                 | PET     | 15% CF        | Black         |                              |

Where to buy:

Nexeo [www.nexeo3d.com](http://www.nexeo3d.com)  
 IGO3D [www.igo3d.com](http://www.igo3d.com)  
 Colorfabb [www.colorfabb.com](http://www.colorfabb.com)



Further products are available on request or under development.  
 What are your needs? We customize your 3D printing material.

## 3D PRINTING MATERIALS

Experience the 3Difference

### LUVOCOM® 3F FILAMENT

Additive manufacturing solutions

- Extrusion based processes
- Product: filaments
- Carbon fiber reinforced and unreinforced materials

### LUVOCOM® 3F

Additive manufacturing solutions

- Extrusion based processes
- Product: pellets
- Composite materials (CF, GF), tribological, electrically and thermally conductive

### LUVOSINT®

Additive manufacturing solutions

- Powder fusion processes
- Product: powder
- Nano-filled materials

## Our Material Competences



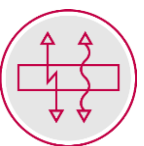
STRUCTURAL



RESISTANT



TRIBOLOGICAL



CONDUCTIVE



WEIGHT



PROTECTION



SURFACE



CUSTOMIZED  
POLYMER MATERIALS

Europe & Head Office  
 Lehmann&Voss&Co. KG  
 Alsterufer 19  
 20354 Hamburg  
 Germany  
 Tel +49 40 44 197 250  
 E-mail [luvocom@lehvoss.de](mailto:luvocom@lehvoss.de)

North America  
 LEHVOSS North America, LLC  
 185 South Broad Street  
 Pawcatuck, CT 06379  
 USA  
 Tel +1 855 681 3226  
 E-mail [info@lehvoss.us](mailto:info@lehvoss.us)

Asia  
 LEHVOSS (Shanghai) Chemical Trading Co., Ltd  
 Unit 4805 Maxdo Centre  
 8 Xingyi Road Changning District  
 Shanghai 200336  
 China  
 Tel +86 21 6278 5181  
 E-mail [info@lehvoss.cn](mailto:info@lehvoss.cn)



**LEHVOSS**  
 Group

[www.luvocom3F.com](http://www.luvocom3F.com)

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