

# EULBURG is the U.S. market access point for **LUVOCOM® 3F** from **LEHVOSS**.

Highly engineered filaments for process control, material performance, and repeatable part quality.



**EULBURG**  
ADDITIVE MANUFACTURING

+

**LEHVOSS**  
Group

More than four decades of LEHVOSS compound development, carried into industrial FFF.

## Two Routes. One Material Base.

### Material Distribution

Direct U.S. distribution of LUVOCOM® 3F filaments through EULBURG, from evaluation quantities to program-level material supply.

### Application & Manufacturing Route

EULBURG reviews the part, defines the build route, and delivers finished LUVOCOM® 3F additive parts with lot-level records.

### Additive | Injection Molding | Aftermarket

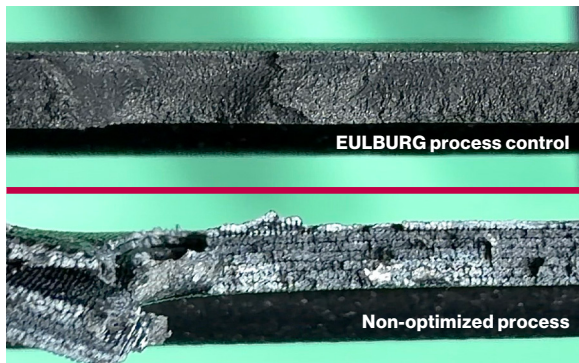
LEHVOSS material twins align LUVOCOM® 3F printed parts with corresponding molding compounds. Built for bridge production, tooling backup, and aftermarket supply.

# Process Behind the Route

Material fit. Process control. Part-level records.

**Qualified processing is non-negotiable for critical polymer parts.**

Built on injection-molding expertise and polymer science, EULBURG targets cohesive bonding, controlled void behavior, and repeatable part formation. The fracture image makes that process difference visible.



## Digital Part Passport

Digital Part Passport is the EULBURG-developed record layer behind documented additive production.

A part-marked Reference ID links the physical part to its production record, including material grade and lot, part revision, inspection status, and project-specific customer fields.

Record visibility is configurable for internal review, approved customer access, downstream review, and repeat-order control.

# Core Materials – Proven, Reliable

Three LUVOCOM® 3F core compounds. Broad industrial coverage.

- **LUVOCOM® 3F PET CF 9780 BK**  
Carbon fiber-reinforced PET. Stiff, strong printed parts. Low moisture uptake. Low-warp processing. Very good surface quality.  
*Tensile: 85 MPa. Flexural modulus: 9.13 GPa. HDT: 156 °C.*
- **LUVOCOM® 3F PPS CF 50899 BK**  
High temperature and excellent chemical resistance. UL 94 V-0. Cost-effective PEEK alternative. Strong mechanical performance.  
*Tensile: 75 MPa. Flexural modulus: 6.75 GPa. HDT: 233 °C.*
- **LUVOCOM® 3F PAHT 9936 BK/L**  
Food-compliant PAHT. Detectable. Strong and tough. Low moisture uptake. Good surface quality.  
*Tensile: 67 MPa. Flexural modulus: 2.24 GPa. HDT: 90 °C.*

*Material values: LEHVOSS technical datasheets.*



## U.S. Technical Entry Point

Start with a material requirement, application fit, or one candidate part.

### Material Availability

LUVOCOM® 3F filament is available through EULBURG from evaluation quantities to program-level supply.

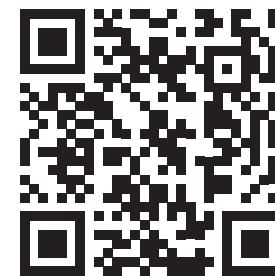
### Application Fit

EULBURG translates part requirements into a material selection across LUVOCOM® 3F core materials and specialized solutions.

### Documented First Build

Candidate part under NDA. Printability review. Build-route definition. Finished part in the selected LUVOCOM® 3F core material with a Digital Part Passport record.

**Request a Technical Entry Review**  
[info@eulburg.com](mailto:info@eulburg.com)



**Digital Part Passport**  
Sample record & traceability