

Sustainable
Polymer
Materials

Manufactured
with 100%
green energy

LUVOTECH[®] eco PEEK Environmental friendly high-performance PEEK

- Stable and high LEHVOSS quality
- Based on recycled polymers
- Up to 95% reduced environmental impact
- Ready-to-order
- Technical datasheets available

Product	ISO type
LUVOTECH [®] eco PEEK BK	PEEK
LUVOTECH [®] eco PEEK GF20 BK	PEEK GF20
LUVOTECH [®] eco PEEK GF30 BK	PEEK GF30
LUVOTECH [®] eco PEEK 101010 BK	PEEK CF10+GR10+PTFE10
LUVOTECH [®] eco PEEK TF20 BK	PEEK PTFE20
LUVOTECH [®] eco PEEK CF30 BK	PEEK CF30

GF = glass fiber CF = carbon fiber HS = heat stabilized TF = PTFE lubricated GR = graphite BK = color black

1 kg LUVOTECH[®] eco PEEK GF20 BK based on recycled material reduces greenhouse gas emissions comparison to virgin PEEK GF20 by approx. 95% to 0,46 kg CO₂-eq per kg.

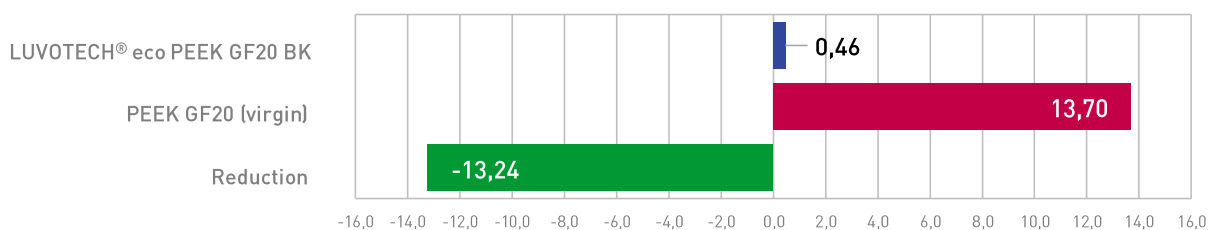
SKZ

Das Kunststoff-Zentrum

The calculation was based on
DIN EN ISO 14040,
DIN EN ISO 14044 and
DIN EN ISO 14067
Calculated with GaBi Professional
Software

Carbon footprint

Comparison of greenhouse gas emissions in kg CO₂-eq per kg material

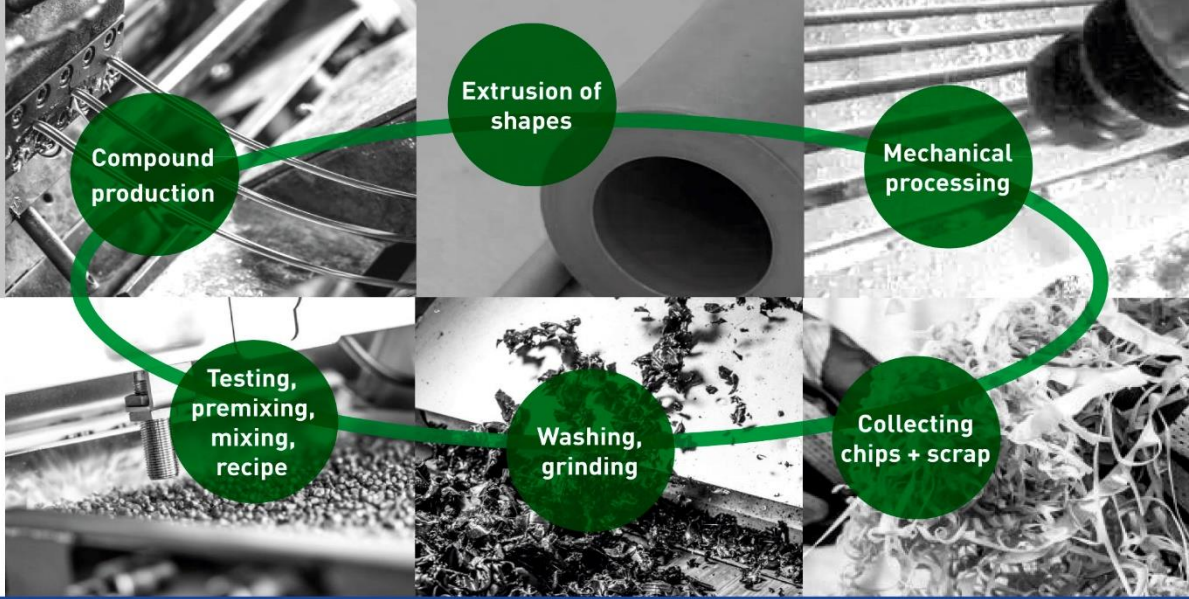


Circular Economy:

Example based on the production of a stock shape part.



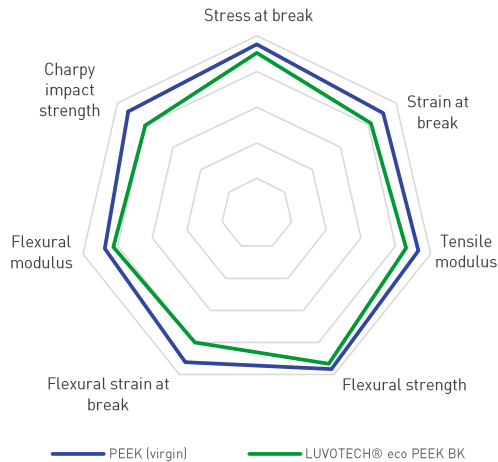
SUSTAINABLE



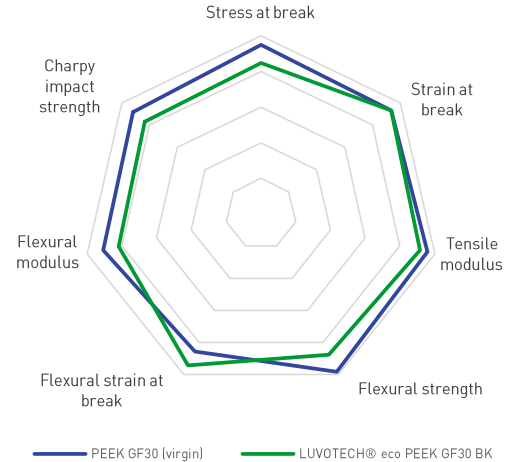
Technical performance

LEHVOSS eco material performance close to virgin equivalent

Material data comparison PEEK

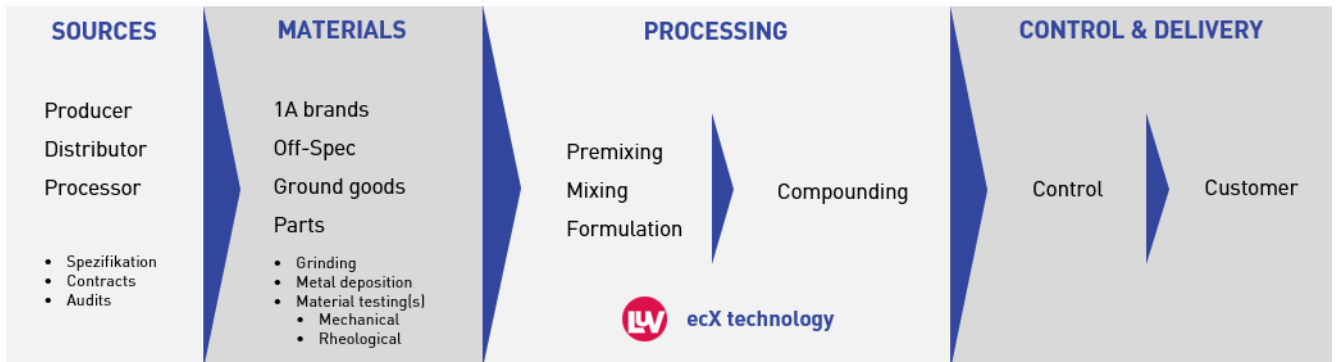


Material data comparison PEEK GF30



LEHVOSS ecX technology

4 decades of LEHVOSS „eco compounding eXperience“



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04/2022