Product Information

VESTAMID® LC-GF
QUICK CONNECTOR MATERIAL

TOP QUALITY AUTOMOTIVE COMPONENTS

made of fiberglass-reinforced polyamide 12

When used as a replacement for metal in automotive components such as quick-connectors, plastics can greatly improve a vehicle's performance, efficiency and safety. Plastics offer numerous advantages over the use of metals such as light weight, corrosion resistance, noise and vibration damping, and more versatile design flexibility at a lower manufacturing cost. Evonik's new, fiberglass-reinforced VESTAMID® LC-GF PA 12 offer significantly high stiffness as well as great impact strength and high flexibility – even at low temperatures.

Key advantages of VESTAMID® LC-GF PA 12 components

- Low water absorption
- Good dimensional stability
- Almost constant mechanical properties under varying ambient humidity and temperature
- Potential savings in manufacturing costs due to a reduction of wall thickness in components and improved ease of handling during processing

Make your choice

VESTAMID® LC-GF PA 12 comes in a range of fiberglass content, giving manufacturers a wide range of options depending on the strength and flex requirements of the desired end product.

As an extra benefit, certain grades come either in a natural color, which can then be dyed as needed for the application, or in black, so components can be formed directly in that color without additional dyeing:

VESTAMID® LC-GF15 nc

- 15% fiberglass
- natural color

VESTAMID® LC-GF23 nc/bk

- 23% fiberglass
- natural or black color

VESTAMID® LC-GF30 nc/bk

- 30% fiberglass
- natural or black color

VESTAMID® LC-GF50 bk

- 50% fiberglass
- black color

VESTAMID® LC-GF SERIES DEFINES THE STATE OF THE ART NEW!

Thanks to recent investments, all VESTAMID® products are now made with renewable energy, which leads to an overall 20% reduction of carbon emissions in the production process. In addition, our sustainable polyamides VESTAMID® RFP LC-GF and VESTAMID® eCO LC-GF can further reduce the carbon footprint of your product.

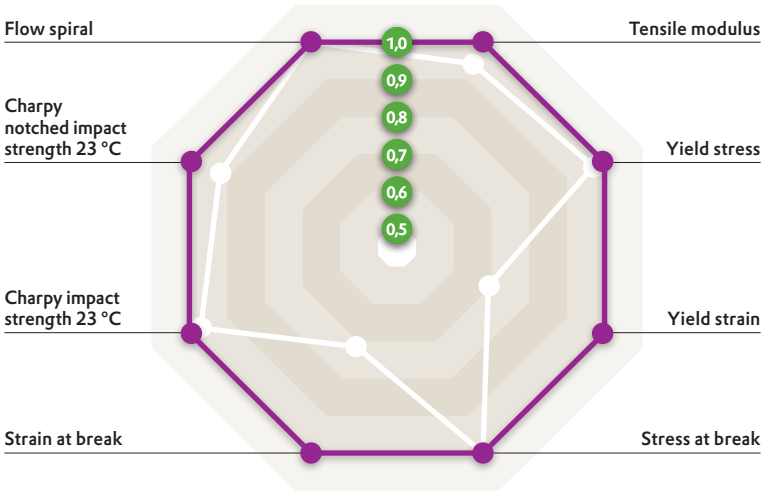
VESTAMID® RFP LC-GF series

- VESTAMID grades® with "Reduced Footprint" (RFP)
- CO_2 footprint reduced by an average of 40% through renewable energies
- Identical product properties and well-known outstanding quality

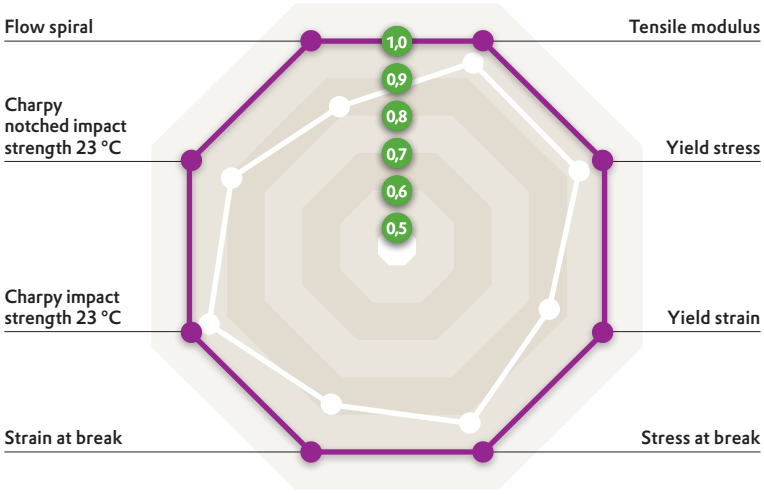
VESTAMID® ECO LC-GF series

- Saving fossil resources, e.g. through alternative raw materials from sustainable sources
- The mass balance approach enables rapid implementation
- Identical product properties and excellent quality

VESTAMID® LC-GF50



VESTAMID® LC-GF30



● VESTAMID® LC-GF50 bk / VESTAMID® LC-GF30 bk
○ Competitor product

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EVONIK
Leading Beyond Chemistry