

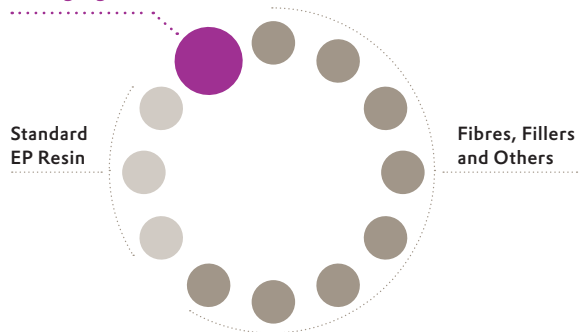
VESTALITE® S

Curing agent for high-performance epoxy SMC

VESTALITE® S is a curing agent for sheet molding compounds (SMC) based on Evonik's diamine chemistry.

VESTALITE® S curing agent offers a styrene-free, high-performance SMC material when combined with a liquid epoxy resin. Its unique properties make it suitable for large scale automated manufacturing.

VESTALITE® S Curing Agent



BENEFITS

Easy Processing

- Low initial viscosity (600-800 mPa*s) for high fiber mass fraction (>65%) and excellent fiber wetting
- High storage stability (> 30 days) of intermediate SMC
- Excellent mold flow combined with fast curing (3 min@150°C)

Lightweight Design

- Best in class mechanical performance

Low Emissions

- Low VOCs (<10µg/g) and zero styrene emissions



Semi structural parts



Exterior / Interior parts

Illustrated demonstration parts were created in cooperation with:



Vestaro GmbH, founded in 2016 is a joint venture by Evonik and Forward Engineering to combine the knowledge of the highly specialized fields of chemicals and engineering. Vestaro supports the development and marketing of the automotive composite products of Evonik. The goal of the joint ventures is the successful interaction between material, design and process along the entire development process.

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Further useful documents and information are available.
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