

WE BOOST YOUR PERFORMANCE – TOGETHER.

With its wide product portfolio, global production network, local service, and application technology expertise accumulated over decades, Evonik is the strong partner to the rubber industry.







AEROSIL®, SIPERNAT®, ULTRASIL® SILICA

- Silica reinforcing fillers to improve tear strength, dimensional stability and durability of rubber goods
- Lower rolling resistance, excellent wet grip, good abrasion resistance of tires
- Increased silica filling levels enabled by Evonik's rubber solutions portfolio

Si 291°, Si 69°, Si 266°, Si 363°, Si 75° (liquid) X50-S°, COUPSIL®, Si 466 EXT® (solid) SILANES

- Silica/Silane system enhances reinforcing properties in rubber mixtures and makes the formulation easier to process.
- We offer game-changing solutions for resilient performance that enhances excellent wet grip properties and improves damping behavior (i.e. hysteresis loss).

LEGENDE

-  Mechanical Rubber Goods (MRG)
-  Plastics Rubber Composites
-  Shoe Soles
-  Rubber Recycling
-  Road Construction
-  Tire



POLYVEST® MV, POLYVEST® MA LIQUID RUBBERS DESIGNED FOR MRG

- Enhance product performance: elasticity, hardness, tensile strength, low temperature resistance, adhesion to polar surfaces, anti-bleeding effect
- Improve manufacturing processes: reduction in compound viscosity, improve dispersability of inorganic fillers, shorter vulcanization time
- Crosslinking versatility: sulphuric and/or peroxidic

VESTENAMER® POLYOCTENAMER RUBBER

- World's most versatile rubber additive, used as reactive processing aid, compatibilizer, green strength enhancer, tack control agent, and flow improver
- Keeps rubber hardness, maintains dynamic properties, and enhances lifetime of rubber products as non-migrating plasticizer with excellent surface finish
- Problem solver for recycled rubber materials like recycled carbon black (rCB) or ground tire rubbers (GTR)

**AEROSIL®, SIPERNAT®,
ULTRASIL®**



<https://www.silica-specialist.com/en/our-markets>

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SILANES
Si 291°, Si 69°, Si 266°,
Si 363°, Si 75° (liquid)



<https://silanes.evonik.com/en/markets-and-applications>

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SILANES
X50-S°, COUPSIL°,
Si 466 (solid)

POLYVEST®



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VESTENAMER®



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**AEROSIL®, POLYVEST®, SIPERNAT®, Si 291°, Si 69°, Si 266°, Si 363°, Si 75° X50-S°, COUPSIL®, Si 466 EXT®,
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