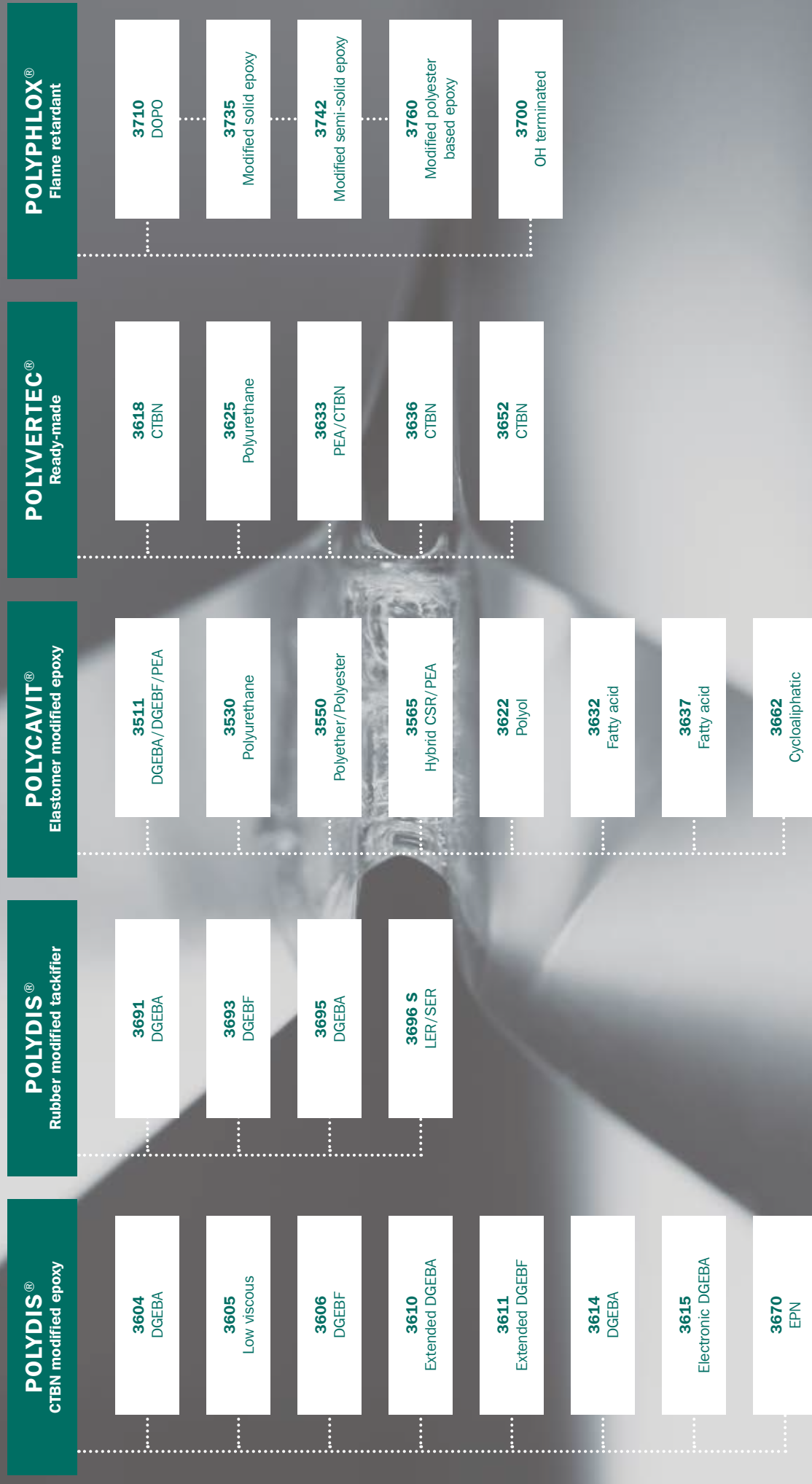


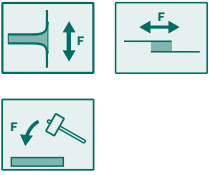
OVERVIEW: MODIFIER FOR RESIN FORMULATIONS



**BRAND NEW PRODUCTS
DESIGNED BY SCHILL+SEILACHER!**



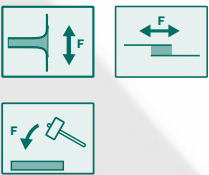
Struktol® Polycavit® 3530



Polyurethane modified epoxy resin
Resin replacement: 10-20 %
Epoxy equivalent weight: 460 g/Eq
Viscosity at 40 °C: 25 Pa.s
Appearance: yellowish, liquid

- Adhesives and prepregs
- Improves shear and peel values and also K1c values
- Improves low temperature behaviour

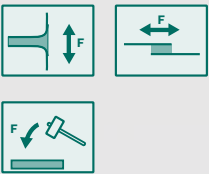
Struktol® Polycavit® 3565



Bimodal (CSR/PEA) modified epoxy resin
Resin replacement: 10-40 %
Epoxy equivalent weight: 325 g/Eq
Viscosity at 25 °C: 200 Pa.s
Appearance: whitish cloudy, viscous

- Adhesives and prepregs
- Core-Shell-Rubber/Polyetheramine modification
- Improves shear and peel values
- Improves low temperature behaviour

Struktol® Polyvertec® 3633



Bimodal elastomer modified epoxy resin based on DGEBA/DGEBF
Resin replacement: 20-50 %
Epoxy equivalent weight: 220 g/Eq
Viscosity at 25 °C: 25 Pa.s
Appearance: amber coloured, liquid resin

- Adhesives
- Significant improvement of shear and peel strength
- Improves low temperature behaviour

Struktol® Polyvertec® 3636



High molecular weight rubber modified epoxy resin based on liquid/solid DGEBA
Resin replacement: 40-100 %
Epoxy equivalent weight: 300 g/Eq
Viscosity at 40 °C: 200 Pa.s
Appearance: yellowish, high viscous

- Adhesives and prepregs
- Improves toughness of epoxy formulations
- Improves low temperature behaviour

Struktol® Polycavit® 3637



Fatty acid modified epoxy resin based on DGEBA
Resin replacement: 10-35 %
Epoxy equivalent weight: 470 g/Eq
Viscosity at 50 °C: 8 Pa.s
Appearance: yellowish, viscous resin

- Coating, compounds and adhesives
- Product provides excellent flexibility

Struktol® Polyplox® 3760



Flame retardant modified epoxy resin
Epoxy equivalent weight: 340 g/Eq
Viscosity at 25 °C: 30 Pa.s
Phosphorous Content: 6.0 %
Appearance: yellowish, liquid resin

- Liquid difunctional flame retardant for halogen-free, self-extinguishing formulations
- Epoxyfunctional polyester
- Designed for composites
- Suitable for infusion processes, hand lay up