

RESINS AND GELCOATS FOR TRANSPORTATION



POLIMAL® 1601 P

Accelerated, unsaturated polyester resin for production of flame-retardant polyester glass laminates for hand lay-up and spray-up application. Mainly used for railway vehicles.

Laminate based on **POLIMAL® 1601 P** and **Gelcoat 1600 P** meets PN-EN 45545 standard for railway applications.

FEATURES:

- Non-flammable, thixotropic resin
- Contains halogen-free fillers
- Good processing parameters
- Low density

GELCOAT 1600 P

Outer layer, used to protect polyester glass laminates. Available in **Gelcoat 1600 P** version for application with a roller / brush and as a **Gelcoat 1600 P sp** version for spraying.

Laminate based on **POLIMAL® 1601 P** and **Gelcoat 1600 P** meets PN-EN 45545 standard for railway applications.

FEATURES:

- Contains a halogen-free flame retardant system
- Protects the laminate from burning
- Available in various colour options

POLIMAL® 1608 PS

Construction resin recommended for production of polyester glass laminates with reduced flammability.

Complies with UN ECE 118 norm for automotive applications.

Laminate based on **POLIMAL® 1608 PS** resin and **Gelcoat 1608 P/P sp/FP** meets DIN 5510 - S4/R2/ST2 and NF P 92-501-M2 norms.

FEATURES:

- Non-flammable resin
- Contains mineral fillers
- Good processing parameters

GELCOAT 1608 9002 FP

Gelcoat for production of flameretardant polyester-glass laminates. Available as **Gelcoat 1608 P** for manual application, **Gelcoat 1608 P sp** for spray application and **Gelcoat 1608 FP** for spray application with increased viscosity.

Laminate based on **POLIMAL® 1608 PS** resin and **Gelcoat 1608 P/P sp/FP** meets DIN 5510 - S4/R2/ST2 and NF P 92-501-M2 norms.

FEATURES:

- Contains mineral flame retardants
- Available in various colour options

POLIMAL® 1055-5B

Unsaturated polyester resin modified with DCPD used for production of resin compositions with mineral fillers, e.g. putties.

FEATURES:

- High reactivity
- Low viscosity
- Good stability
- Contains amine accelerator
- Good adhesion to galvanized steel sheets

