



POLYTRONIC

Polymer solutions for technology

UV laminating resin

UV-curable synthetic resin for the efficient production of GRP components

Our innovative UV laminating resin sets new standards in the series production of glass fiber reinforced plastics (GRP). Thanks to its special properties, production times and costs can be significantly reduced – while maintaining consistently high quality.

Your advantages at a glance:

- **Immediate final strength** – no subsequent heat treatment required
- **High heat resistance** – also suitable for demanding applications
- **Significant energy savings** – elimination of energy-intensive oven cycles
- **Fast curing** – controllable in just 30–60 seconds
- **Healthier production** – free of CMR substances, low in allergens, and odorless
- **Maximum efficiency** – 1K system without pot life for optimal material utilization
- **Series production without waiting times** – drastic reduction in the number of molds required
- **Long shelf life** – 12 to 48 months

Process advantages:

-98%

Time savings

-95%

Energy savings

-90%

Tool costs



Odorless

New fields of application:

In addition to classic lamination processes, UV laminating resin opens up exciting new possibilities: It is ideal for the direct connection of light guides and optoelectronic components —a decisive advantage for innovative applications in laminate sensor technology.