

SurfConnexion Surfboard Resin 01355

A high performance polyester resin specifically designed for surfboard manufacture. It is UV stable with excellent clarity.

The resin is a clear liquid which after laminating with surf fabrics around the foam core, sets hard and clear & shiny. Allow 2 – 3 weeks after use before using the new board. Very high temperatures (above 50°C) will damage the board with thermal cracks.

Available in

1kg Pack

5kg Pack

20kg Drum

230kg Drum



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Version: March 2007

Unsaturated polyester resin

APPEARANCE

Transparent blue liquid resin.

MAIN RESIN CHARACTERISTICS

Orthophthalic unsaturated polyester resin, low reactivity, medium viscosity, preaccelerated, light-stabilised.

MOULDING INFORMATION

- Hand lay-up
- UV curing

MAIN APPLICATIONS

- Surfboards

LIQUID RESIN PROPERTIES

Specific weight at 25 °C	1,12 g/cm ³
Viscosity at 25 °C	5,5 dPa.s
Solid content	64 %

Reactivity

- Method	PI/01-1 25°C
- Test temperature	25°C
- Catalyst system	1% MEKP 50%
- Resin quantity	100 g.
- Gel time	7 min.
- Cure time	18 min.
- Peak exotherm	160°

CURED RESIN PROPERTIES NON REINFORCED

Specific weight	1,20 g/cm ³
Tensile strength (ISO 527)	51 MPa
Elongation at break (ISO 527)	2,1 %
Flexural strength (ISO 178)	110 MPa
Flexural modulus (ISO 178)	4000 MPa
Heat deflection temperature (ISO 75A)	62 °C
Volumetric shrinkage	6 %

SHELF LIFE

6 months below 25°C, in a dry place and away from direct sunlight.

STORAGE AND HANDLING

Polyester solutions contain volatile and flammable monomers such as styrene and should be handled and used in well ventilated, flame proof areas. More information on its safety data sheet.