

Description

If it can not be avoided that for example Junction boxes are installed on devices which will be for a long time under water, the IPEX68 resin guarantee the degree of protection during the life time of the box. The very hydrophobic, transparent resin realize a very good electrical insulation and moisture protection for the low voltage range. It could also be used in combination with the Exepd Terminal Boxes series A21- ..- in hazardous area.

Design characteristics

- Silikon free
- Excellent flow behavior
- Removeable
- Elastic
- Testing with probe through the resin possible, test channel will close again
- Vibration-damping properties
- Degree of protection IP 68
- Excellent insulating
- Curing without heat
- No health risk when processing
- Very good durability

Technical Data

Processing properties:

Drop time at 20°C 25 min

Physically properties:

Density at 20°C 0,95 g/cm³
(DIN EN ISO 2811-2)

Viscosity 5°C — 3000 mPa*s
During processing: 23°C — 2000 mPa*s
(EN ISO 2555)

Mechanical properties:

Temperature resistance -40°C / +100°C
Hardness 10 Shore A

Electrical properties:

Insulation at 23°C > 15 kV/mm (EN60243-1)

Typical packaging sizes: 250 ml and 600 ml parcels

