

Veropal 520-T11M

Repairing epoxy system

DESCRIPTION

Veropal 520-T11M is a modified low molecular weight epoxy resin and special hardener system. It is delivered as a Part A –resin with filler, Part B – hardener. According to customer requirements it is possible to prepare coloured system using a colour pigment pastes Veropal.

USAGE

System is designed to repair craters and defects on the surface of epoxy composites filled with sand, mainly insulators and transformers.

ADVANTAGE

- Curing at the normal temperature
- Short pot-life
- Possibility of various color shades
- Minimal shrinkage during curing

PRODUCT PROPERTIES

Properties of non-cured system

Veropal 520-T11M part A

Epoxy content	2.6 – 2.8	eq/kg	EN ISO 12058-1
Epoxy index	360 – 390	g/mol	CSN EN ISO 1675
Density at 25°C	1.4 – 1.7	g/cm ³	CSN EN ISO 3001
Viscosity at 25°C	40 – 90	Pa.s	CSN EN ISO 3001
Flash point	> 150	°C	ISO 1523
Filler content	48 – 50	%	

Veropal 520-T11M part B

Density at 25°C	1.0 – 1.15	g/cm ³	EN ISO 12058-1
Viscosity at 25°C	10 – 20	mPa.s	CSN EN ISO 1675
Flash point	> 150	°C	ISO 1523

Mixing ratio

Part A - resin	100 (100)	pbw (pbv)
Part B - hardener	14 (11)	pbw (pbv)

Before application it is necessary to mix part A and part B together properly.

Pot life (up to 15 000 mPa.s)

25°C	min. 24	hours
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Gel Time

10g at 25°C	10 – 20	min
50g at 25°C	5 – 10	min

PACKAGING

The product is supplied in 1, 5 or 10 kg cans (or according to customer requirements).

STORAGE

Product should be stored in a covered, dry place. The temperature of storage and transport should not be below 5°C or above 25°C. Under these conditions the expected shelf life is 12 months.

SAFETY DATA

Very good ventilation and use of protective goggles and gloves is recommended. Detailed information is contained in the MSDS.

REMARKS

Information about product properties and application procedures has been obtained by laboratory measurements and application tests. This Information Sheet presents only legally non-obligatory recommendations and product application methods must be in conformity with particular conditions. For further information don't hesitate to contact us.

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SYNPO, akciová společnost, S. K. Neumanna 1316, 532 07 Pardubice, Czech Republic

Sale tel.: +420 466 067 250, fax: +420 466 067 249

Technical service tel.: +420 466 067 164

E-mail: blanka.orsagova@synpo.cz, <http://www.synpo.cz>

The Quality Management System conforms
to the Standard ISO 9001:2008

