

VINALKYD 620 PE-TALV-2W



UNSATURATED POLYESTER RESIN

Description: Low viscose tixotropic, prior accelerated, orthophthalic, medium reactivity unsaturated polyester resin. Contains an blue colored MEKP indicator which change color to pale green after adding of hardener and disappears after curing

Use: Used in reinforcement of acrylic surface sanitary materials PMMA sheets, backs by spraying up with fiberglass rowing. For hardening add 1% MEKP (Butanox M-50). Reinforcing is made with use of glassfiber mat up to 60 % in several layers.

- Suitable for filling with calcium carbonate to 50%
- Might be pigmented with organic and inorganic pigments;
- Very good wetting ability of glass mat;
- Very good acrylic sheet adhesion;
- No run down, applied on vertical surfaces;
- On the last coat could be applied topcoat.

Classification: In compliance with requirements of EU legislation

CHARACTERISTICS

INDEXES

NORM

Appearance: (visually)	White colored tixotropic liquid
Non-volatile content, 125°C/1h: (BNS EN ISO 3251)	52±1 %
Acid number: (BNS EN ISO 3682)	max 20 mgKOH/g
Jelling time at 25°C: (BNS ISO 2535)	7-12 min
Viscosity Brookfield 25°C(sp.2, speed 12): (ISO 2555)	140-240 mPa.s
Fineness of grinding: (BNS EN 21524)	max 15 μ

Tixotropic index (sp.3, speed 5/50):
(ASTM D 2196-05 (B))

min 1,4

OTHER DETAILS

Density at 20°C:
(BNS ISO 2811-1)

1,12 g/cm³

Flash temperature, covered pot:
(BNS EN ISO 1523)

34°C

Application:

Vinalkyd 620 PE-TALV-2W has to be homogenized well before use. Unsaturated polyester resin Vinalkyd 620 PE-TALV-2W is hardening with the following hardening system:

To 1000 g of resin add 10 g of MEKP (Butanox M-50), the mixture shall be well homogenized and then used for preparation of details. The pot life of the mixture is 7 to 12 minutes and depends on the temperature of the resin, as the process of jelling accelerates additionally at temperature higher than 25°C, and lower temperature decreases time of jelling.

Packaging:

In metal barrels, plastics containers and cistern of stainless steel

Storage:

Packed unsaturated polyester resin should be kept, in dry and fire protected storage areas, without direct sunlight exposure at temperature up to 25°C. Shelf life - 3 months from date from of production in fabrically closed package.

Hygiene, safety work and ecology:

Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Vinalkyd 620 PE-TALV-2W. The Material Safety Data Sheet (MSDS) should always be read and understood thoroughly before handling the product, and adequate safety procedures should be followed.

The present technical description has the purpose to inform the clients on the quality of our product. The data herein is based on our present best knowledge. We invite our clients before work to check the quality of the product or its adaptation to the base and to make an experimental application. Our clients must be sure, that the present technical description hasn't been changed or replaced by a newer edition.

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