

VINALKYD 25 PE-ATA



Thixotroped unsaturated polyester

- Description:** It is an isophthalic, unsaturated polyester resin, thixotroped and pre-accelerated with added additives for additional improvement of light resistance.
- Use:** Vinalkyd 25 PE-ATA is used for the production of the front coating of products made of fibreglass and polymer marble. It is used in ship and yacht building, in the production of sanitary equipment, industrial parts, reservoirs, pools and products made of hardened glass.
- It gives the products:
 - Impact resistance;
 - Light resistance;
 - Water impermeability;
 - Resistance to aging;
 - Weather resistance.
 - It may be pigmented with organic and inorganic pigment pastes;
 - Unsaturated polyester resins, strengthened with glass-matte may be applied over it.
- Classification:** In compliance with the requirements of EU legislation.
In accordance with Protocol No. 0637/26.03.2008 of INSTITUTE OF FOOD BIORESOURCES – Bucurest, Romania, Vinalkyd 25 PE-ATA is suitable for production of reservoirs and pipelines, operating with foodstuffs and liquids.

CHARACTERISTICS

INDEXES	NORM
Appearance after stirring: (visually)	Pink coloured thixotroped liquid
Non-volatile content, 125°C/1 h: (BNS EN ISO 3251)	55±1 %
Viscosity Brookfield at 23°C, sp.2, speed 12 (ISO 2555)	750-900 mPa.s

Gelling time at 23°C: 10-20 min
(BNS ISO 2535)

Thixotropic index, 23°C, sp.3, speed.5/50: min 2.4
(ASTM D 2196-05 (B))

OTHER DETAILS

Density at 20°C: 1,09 g/cm³
(BNS ISO 2811-1)

Flash point, closed cup: 36°C
(BNS ISO 2719)

Modifications: B (blue colored (peroxide indicator))

Application: Vinalkyd 25 PE-ATA has to be homogenized well before use. It is hardened with the following hardening system:
To 1000 g of resin add 20 g of Hardener MEKP-50 (Butanox M-50), homogenize the mixture well and use as necessary.
The pot life of mixture is from 10 to 20 minutes and depends on the temperature of the resin, as the process of jelling is accelerated additionally at temperature higher than 23°C, and lower temperature decreases the jelling time.

Packaging: Tins metal conic 22 L, with polyethylene insertion with a net mass of 20 kg;

Storage: Vinalkyd 25 PE-ATA is stored in tightly closed packages in sheltered, dry and fire ventilated storage areas, away from direct sunlight, at a temperature of up to 25°C.

Shelf life – 4 months from date of production.

Hygiene, safety work and ecology: Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Vinalkyd 25 PE-ATA. 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.

Orgachim Resins®

Ruse 7000, 21 Treti mart Blvd., tel.: +359 82 886 340; fax: +359 82 886 340

www.orgachimresins.bg