

VINALKYD 801 PE - A



Unsaturated Polyester resin

Description: It is an orthophthalic, medium reactive, preliminary accelerated unsaturated polyester resin.

Use: It is used for production of sanitary faience from resin, pigments and suitable fillers (polymer marble).
Hardening can be achieved by the addition of MEKP-50% Hardener.

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- It may applied after gel coat;
- It may be pigmented with organic and inorganic pigments;
- It may be filled up to 60% with talc, silica flours and marble powder (the fillers should be dry) for preparation of articles from polymer marble in a thin layer

Classification: Meets the requirements of EU legislation.

CHARACTERISTICS

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NORM

Appearance: (visually) Pink syrup-like liquid

Conditional viscosity, Ø 4 mm/20°C: 120-150 s

Acid number: (BNS EN ISO 3682) max 32 mgKOH/g

Monostyrene content: 32,5-35,5 %

Compatibility with Monostyrene: min 20%

Gelling time at:

- at 25°C 9-11 min (summer)
7-9 min (winter)
- at 82°C 4-9 min

Reactivity at 82°C:

- gelling time from 65 to 88°C 4-9 min
- hardening time 6-11 min
- temperature maximum max 170°C

- Solubility:** It dissolves in Styrene.
- Application:** Unsaturated Polyester resin Vinalkyd 801 PE-A hardens after the following hardening system:
- Add 15-20 g of MEKP-50 Hardener to 1000 g resin. This resin is used for machine preparation of polymer marble mixture / resin, pigments and fillers /. When homogenized, as a result of rubbing, the temperature rises to 35-40°. By means of conveying worm it is sent to the matrix, but a little before that by pump MECP Hardener is sent in portions. The viability of the mixture is from 9 to 11 minutes /summer variant / and from 7 to 9 minutes /winter variant/.
- Package:**
- metal conic cans 22 L;
 - metal barrels of 200 L;
 - cisterns from stainless steel.
- Storage:** Temperature of storage up to 25°C
Store in original well closed packaging in sheltered, dry and fireproof warehouses, protected from direct sunlight and heating appliances.
Storage shelf life - 3 months from the production date.
Attention! Don't allow direct contact of organic peroxides with accelerators when using, transporting and storing.
- Hygiene, safety work and ecology:** Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Vinalkyd 801 PE-A. 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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