



TECNOPLASTIC C - PLASTIC CHARGES FOR ANTISLIP FINISH

TECNOPLASTIC C is a kind of plastic (polyamide) micronized specially selected for texturing finishing resins, and thus achieve antislip floor finish, especially in situations of vehicular traffic.

USES

Main uses of TECNOPLASTIC C:

- To mix with our resins TECNOTOP S-3000, TECNOTOP 2C, TECNOTOP 2CP, TECNOTOP 1C to achieve a high roughness level (depending on the mixing ratio), and high resistance to mechanical abrasion.

consumption	5 ~ 8 % depending on the texture desired
medium size of particle	250 µm (0,250 mm.)



GENERAL FEATURES

- TECNOPLASTIC C is a coarse powder for producing significant surface texturing. The nature and degree of texturing depend on the applied film thickness and the ratio of texturing agent to binder.
- To mix with our aliphatic resins TECNOTOP range
- It is specially designed for use with TECNOTOP S-3000, or traffic applications, due to its high mechanical abrasion resistance.
- Conforming even to norm ENV 12633: (floors slipperiness), to achieve Class 3 (>45 slip resistance), depending on dosage (consult our technical department).
- Depending on the formulation TECNOPLASTIC C may tend to sediment during storage of the coating. In such cases employing an anti-settling agent is necessary.
- The thermal stability is influenced by the binder and also depends on the duration of exposure. Experiments must be undertaken to precisely determine the thermal stability if long-term exposure to temperatures of more than 140 °C is expected.
- TECNOPLASTIC C can be used in both solvent-based and solvent-free coatings, and also in water-based coating systems. The areas of application include decorative coatings and anti-slip coatings.
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TECNOPLASTIC C is resistant to most customary solvents, but this should be checked when testing the overall coating formulation.

PACKAGING

Metal tins of 2 kg

SHELF LIFE

TECNOPLASTIC C can be stored for at least 24 months at room temperature under dry conditions.

APPLICATION METHOD

The application method of TECNOPLASTIC C is:

- Mix the desired dosage in the A component of TECNOTOP S-3000, TECNOTOP 2C / 2CP. The amount to be added in each case will depend on the desired or required texture project, this action can be performed by a speed-stirrer. It does not require the use of added agents, even if water-based systems are used. Perform this action until a homogeneous mixture.
- In systems containing PIGMENTS, texturing agents must, therefore, be added after grinding these ones

HANDLING

According to Regulation (EC) No. 1272/2008, TECNOPLASTIC C is not classified as a dangerous product and therefore does not need to be labeled. Due to the powdery nature of the product, measures for dust protection must be heeded and the build-up of an electrostatic charge must be avoided.

Consult the material and safety data sheet of the product (MSDS).

PHYSICAL DATA

- appearance: white powder
- bulk weight: ± 700 g/l
- density: $\pm 1,28$ g/cm³
- melting range: $\pm 150-160$ °C
- particle size:
 - d50 ± 290 μ m,
 - d90 ± 400 μ m,
 - d99,9 ± 500 μ m

The information herein is to assist customers in determining whether our products are suitable for their applications. Our products are only intended for sale to industrial and commercial customers. The customer assumes full responsibility for quality control, testing, and determination of the suitability of products for its intended application or use.

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