

TIONES®

6021E

Technical Data Sheet

1. Product Description

TIONES® 6021E is a water-soluble redispersible polymer powder based on copolymer of vinyl acetate and ethylene. It's free of any solvents.

2. Specification

Item	Spec
Appearance	White free-flowing powder
Protective colloid	Polyvinyl alcohol
Bulk density	500 ± 100 g/L
Particle size	Max. 10% over 150um
Residue Moisture	≤ 2%
pH Value	6~8 (50%water solution)
Film Properties	Opaque, Elastic
MFFT	Approx. 0°C
TG	+7°C

3. Properties

TIONES® 6021E increases cohesion of binding material and improves performances of cement based products. It provides pre-mixed mortars with following advantages:

- improves adhesion strength substantially
- improves workability
- improves crack resistance
- improves flexural strength
- reduces elastic modulus

4. Application

The typical application field of **TIONES® 6021E** is polymer-modified dry mixtures based on mineral binders such as cement, lime or gypsum. The highly recommended applications are as follows:

- EIFS adhesive mortar, plaster mortar & anti-cracking mortar
- Cement-based tile adhesive
- Tile grouts
- Grout mortars

- Repair mortar
- Gypsum plaster

5. Dosage and Handling

TIONES® 6021E is added to other powdery components to obtain the mixed homogenous formulation. The dosage should be more than 1.5% of the total dry mixture by weight. The final required dosage should be evaluated in suitable tests prior to the actual application.

6. Storage

TIONES® 6021E should be stored in a cool, dry place. To prevent moisture penetration, the opened bags should be sealed again as soon as possible. On account of thermoplasticity of the redispersible polymer powder, bags must not be stacked higher than one pallet.

TIONES® 6021E storage time should not exceed 6 months from date of delivery.

7. Package

20 kg/bag: valved multi-layer paper bag with polyethylene interlayer.

8. Industrial Safety and Environmental Protection

- Use with local exhaust ventilation.
- Wear protective eyeglasses or chemical safety goggles.

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.

