

Product Fact Sheet



GENAPOL[®] ED 3060

Wetting agent, tinting strength enhancer and paint stabilizer

CLARIANT INTERNATIONAL LTD

COMPOSITION

Block copolymer

Rothausstrasse 61
4132 MuttENZ
Switzerland

PRODUCT PROPERTIES¹⁾

Active substance content	About 100 %
Appearance at 20 °C	Yellowish liquid (The colour can turn darker during storage.)
Ionicity	Nonionic
Density at 20 °C (DIN 51757)	About 1.03 g/cm ³
Viscosity at 20 °C (DIN 53015)	At 20 °C: about 1300 mPas At 50 °C: 230 – 330 mPas
pH of a 1% aqueous solution	About 10 - 11
Solubility at 20°C	Soluble in water
Pour point (DIN/ISO 3016)	-39 °C
Flash point (DIN/ISO 2592)	About 220°C
Cloud point (5g in 25 g aqueous solution)	Cloud point (5g in 25 g aqueous solution)

BUSINESS UNIT INDUSTRIAL &
CONSUMER SPECIALTIES

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¹⁾ These characteristics are for guidance only and are not to be taken as product specifications. The tolerances are given in the product specification sheet. For further information on product properties, toxicological, ecological and safety data, please refer to the safety data sheet.

USAGE

Genapol ED 3060 is used as a low-foaming wetting and dispersing agent for aqueous paints and coatings, in particular for white emulsion paints tinted with waterborne pigment preparations.

USAGE AS WETTING AGENT

Genapol ED 3060 improves the wetting of the pigments used for the coating formulation and the wetting of the coated surface.

USAGE AS TINTING STRENGTH ENHANCER

Genapol ED 3060 improves the compatibility of pigments and minerals with polymers and binders in emulsion paints and prevents the rub-out effects of organic pigments. Genapol ED 3060 prevents the flocculation of organic pigments during drying of the paint film.

The resulting coating obtains the optimum tinting strength also with organic pigments like phthalocyanine blue and green and polycyclic red and purple pigments (e.g. PB 15, PG 7, PR 122, PV 19, PV 23).

USAGE AS PAINT STABILIZER

Genapol ED 3060 improves the stability of paint formulations containing organic and

inorganic pigments in waterborne paint formulations: Genapol ED 3060 is added to prevent the following appearances in waterborne coatings:

- Flocculation
- Separation
- Rub out
- Flooding

DOSAGES

Recommended dosage in waterborne coating formulations: 0.1 – 0.5% Genapol ED 3060 based on the paint formulation.

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.

STORAGE STABILITY

Keep container tightly closed, cool and dry. Protect from extreme heat and cold.

Storage temperature should be between 5 – 40 °C.

Maximum storage time is 2 years.

SENSITIVITY TO FROST

In case of the product becoming opaque, thickening or being frozen due to the effects of cold, allow to thaw slowly at room temperature. Stir briefly before use.

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