

Product Fact Sheet

CLARIANT 

EMULSOGEN[®] EPN 287

Nonionic emulsifier for emulsion polymerization

CLARIANT INTERNATIONAL LTD

COMPOSITION

Oxoalcohol polyethylene glycol ether with 28 mole ethylene oxide

Rothausstrasse 61
4132 Muttenz
Switzerland

PRODUCT PROPERTIES¹⁾

Active substance content	about 70 %
Appearance at 20 °C	clear, colourless liquid
pH value (DIN EN 1262), 1% in water	6 - 8
Solubility at 20 °C	soluble in water
HLB value	about 17,5
Viscosity (DIN 53015) at 25 °C	about 700 mPas
Density (DIN 51757)	at 20°C: approx. 1.08 g/cm ³ at 50°C: approx. 1.06 g/cm ³
Crystallization temperature	about 15 °C
Flash point (DIN/ISO 2592)	> 100 °C
FDA / BgVV** Listing	FDA / BgVV* Listing

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.

** Bundesamt für gesundheitlichen Verbraucherschutz und Veterinärmedizin

USE

Emulsofen EPN 287 is used in polymerization of vinyl acetate together with other vinyl esters, acrylates, vinyl chloride and ethylene, for acrylic and styrene / acrylic dispersions and for butadiene / styrene latex.

The use of Emulsofen EPN 287 reduces coagulation and improves electrolyte resistance and freeze/thaw stability. Emulsofen EPN 287 is added either during or after polymerization.

Emulsofen EPN 287 is also used in pigment preparations, paints and coatings as dispersing and wetting agent.

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