

Ethylan 1003 PLUS

Non-ionic surfactant

Ethylan® 1003 PLUS is a nonionic surfactant based on a synthetic primary alcohol and biobased EO. It has a Renewable Carbon Index of 37.5%.

Specifications

Cloud point	31-37 (5g product in 25 ml 25% butyldiglycol) °C
Color	≤200 Hazen
pH, 1% in water	7-9.5
Water content	≤1.0 %

Characteristics

Active content	100 %
Appearance	Liquid at 20°C
Density	970 kg/m ³ at 20°C
Flash point	≥100 °C
Foam Height according to Ross-Miles, 50°C, 0.05%	immediately: 5 mm after 5 min: 0 mm
HLB	10 (Griffin)
Pour point	-17 °C
Surface Tension according to Du Noüy	27.0 mN/m at 25°C, 0.1%
Viscosity	30 mPa.s at 20°C
Wetting power according to Draves, 25°C, 0.1%	4 sec
Solubility: 2-propanol	Soluble
Solubility: Low aromatic solvent	Soluble
Solubility: Propylene glycol	Soluble
Solubility: Water	Dispersible
Solubility: White spirit	Soluble

Notes:

Typical Data are based on our own measurements or derived from the literature. They do not constitute part of the delivery specification. Solubility of Ethylan® 1003 PLUS, 5% in solvent.

Safety and handling

Ethylan® 1003 PLUS should always be homogenized before use, unless the entire quantity is used. Please refer to the Safety Data Sheet (SDS) for further information on the safe storage, use and handling of Ethylan® 1003 PLUS.

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