

Phospholan PE65

phosphate ester

Phospholan PE65 is an anionic surfactant of an alkyl phosphate ester, free acid.

Specifications

Acid value	82-92 mg KOH/g
Mono/ diester ratio	1.1 / 1.4
Phosphoric acid	≤ 2 %
Water content	≤ 2 %

Characteristics

Active content	100 %
Contact angle, 0.1% on parafilm	after 10 sec: 68°; after 60 sec: 60°
Density	1018 kg/m ³ at 20°C
Flash point	≥ 150°C
Foam Height according to Ross-Miles, 50°C, 0.05%	immediately: 10 mm; after 5 min: 8 mm
pH	2 - 3 (1% in water)
Pour point	12 °C
Viscosity	1985 mPas at 20°C
Wetting power according to Draves, 25°C, 0.1%	≥5 min
Solubility: 2-propanol	Soluble
Solubility: Ethanol	Soluble
Solubility: Propylene glycol	Soluble
Solubility: Soy bean oil	Soluble
Solubility: Water	Dispersible
Solubility: Xylene	Soluble

Notes:

Typical Data are based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

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The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a lowercase, sans-serif font.