

Lanphos PE310

Specification	Appearance at 25°C	:	Colourless to pale amber liquid free from foreign matter
	Acid Value mg.KOH/g	:	60.0 - 70.0
	Water Content %	:	1 Max
	Colour (10% in Methanol) Hazen	:	70 Max

Typical Properties	Composition	:	Alcohol Ether Phosphate
	Odour	:	Characteristic
	Viscosity at 25°C (cP)	:	899
	Specific Gravity at 25°C	:	1.072
	Solubility in Water	:	Soluble
	Pour Point °C	:	13
	Flash Point Closed Cup °C	:	>100
	pH (10% Aqueous)	:	2

Foam Height Scale



Wetting Scale



Typical properties are based on our own measurements and do not constitute part of the sales specification

Application Lanphos PE310 is a phosphate ester manufactured using phosphorous pentoxide to give a product that contains both mono and di-esters. The main advantage of a phosphate ester over a conventional anionic is its excellent stability in high concentration of acid, alkali and electrolyte.

Lanphos PE310 is supplied in free acid form but when neutralised the product can be used in areas such as :

- Textiles as a lubrication aid and / or emulsifier
- Metalworking cutting fluids - especially when neutralised with TEA
- Leather, Household, I+I, Agrochemicals and Emulsion Polymerisation

Packaging Lanphos PE310 can be supplied in bulk road tankers, IBC's, 200kg or 25kg nett drums.

Storage Stainless steel, polyethylene or glass lined equipment is necessary for the storage of Lanphos PE310 in order to prevent corrosion and subsequent contamination. This material can separate on standing and at low temperatures. May require agitation and warming prior to use.

All information, recommendations and suggestions appearing in the literature concerning the use of the product are based upon tests and data believed to be reliable. However it is the users responsibility to determine the suitability for their own use of the products described here. For non English datasheets translation has been carried out using translation software, Lankem accepts no liability due to errors that occur during translation. Typical properties are based on our own measurements and do not constitute part of the sales specification.