

Lanphos TEP4K

Specification	Appearance at 25°C	:	Clear pale straw liquid free from foreign matter
	Solids Content %	:	64.0 - 66.0
	pH (1% Aqueous)	:	7.0 - 7.4

Typical Properties	Composition	:	Aryl ether phosphate (Potassium Salt)
	Odour	:	Characteristic
	Viscosity at 25°C (cP)	:	180
	Specific Gravity at 20°C	:	1.294
	Solubility in Water	:	Soluble
	Pour Point °C	:	-18
	Flash Point Closed Cup °C	:	>100

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

Application Lanphos TEP4K is a phosphate ester manufactured using polyphosphoric acid resulting in a product that is predominantly mono-ester. The main advantage of a phosphate ester over a conventional anionic is it's excellent stability in high concentration of acid, alkali and electrolyte.

Lanphos TEP4K is supplied in neutral form as a potassium salt and behaves as a hydrotrope for the solubilisation of both anionic and nonionic surfactants into high concentration of electrolyte.

Typical application areas are:

- Industrial and Institutional cleaning— superior hydrotropic performance compared to sodium xylene sulphonate. Lanphos TEP4K is especially recommended as a hydrotrope for the solubilisation of low foam surfactants into highly built liquids for applications such as bottle washing, low foam alkaline cleaning and liquid machine dishwashing.
- Metal Cleaning

Packaging Lanphos TEP4K 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 TEP4K 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.