

PRINTOJET LE

Chemical Description

Modified fatty acid ester

Main Use

Grinding mediums for inkjet printing application by DOD technology.

Typical Values

Appearance at 20°C: Clear liquid

Colour: from colorless to yellowish

Solubility in water: Not soluble in water, soluble in solvents

Viscosity @ 25°C: 10 ± 0,5

Densità (g/l) @ 20 °C: circa 860

Product Properties

PRINTOJET series has been studied to grind organic and inorganic stains/pigments to sub micron particles size, to formulate inks to be applied by means of inkjet printing in formulation with resins or resin-free inks. The medium confers a very low viscosity to the final ink, along with a good shelf life and resistance to pigment settling and agglomeration. The mill and the inkjet devices can be easily cleaned with our cleaner to wipe out all the ink residue. Do not use water to clean since the low water solubility of the medium.

Applications

Dry pigment/Hyperdispersant/ PRINTOJET	25 ÷ 50 / 3÷20 / 50 ÷ 75
Ink viscosity	10±25 Cp

The above data are merely approximate, because they depend on the type of pigment, solvent and the chosen application method.

Storage and Handling

PRINTOJET is stable in normal warehouse conditions. Avoid storing under direct sun rays and however at temperatures higher than 50°C. A slight haziness of the product in time must not worry, along with a slight change of hue in time. If correctly stored the product is stable for at least 12 months.

Packaging

850 kg plastic tanks and bulk shipment.

Material Safety

PRINTOJET is not labelled as dangerous. Nevertheless it is necessary to remember that improper use of chemicals and the absence of basic practices of industrial hygiene can be harmful to health and environment. Detailed health and safety information can be found in our safety data sheet, available according to ECC Directive.

Dry pigment/ W	PRINTOJET	35 - 50 / 65 - 50
-------------------	-----------	-------------------

The above data are merely approximate, because they depend on the type of pigment, solvent and the chosen application method.

ceramics.lamberti.com

This information and our technical recommendations, if any, both verbal and in writing, are given to the best of our knowledge, without any express or implied warranty, e.g., regarding their fitness for a specific purpose. Each user of our products is the sole responsible for assessing and ensuring compliance with all legal regulations including intellectual property laws and necessary certifications and authorizations with respect to the use, combination and processing of our products. Our technical recommendations do not release the user from the obligation to check its validity and to test our products as to their suitability and fitness for the intended processes and uses. The application, use and processing of both our products and the products manufactured by the user (on the basis of our technical recommendations, if any) are beyond our control and, therefore, the user is the sole responsible for them. Detailed information and instructions on handling the products and cautions to be observed in the use of them are available in our relevant Safety Data Sheet.