



PRINTOJET UV

Chemical Description

Mix of acrylate monomers, oligomers and photoinitiators

Main use

UV medium suitable for INKJET application for Pinning UV

Typical values

Appearance at 20 °C: Clear, liquid

Colour: Opalescent yellowish

Solubility in water: insoluble in water, soluble in most common organic solvents.

Product properties

PRINTOJET UV is a temporary pinning binder devised for UV curing made up of acrylate monomers, oligomers and photoinitiators. The particular choice of these additives makes PRINTOJET UV particularly suitable for inkjet applications mixed at different ratio with inkjet medium or ceramic Inks.

PRINTOJET UV gives a very good adhesion on different supports, even the most challenging like ceramic and glass (flat and cave) and give a good pinning adhesion in order to improve the definition and speed of printing inkjet heads and good burning properties during the burning cycle.

PRINTOJET UV can be used with traditional Hg lamps or with different UV LED lamps at 365-395 Nm with 5-18 Watt/cm as power.

Ceramic Inks	80 - 90
PRINTOJET UV	20 - 10

Applications

Storage and handling

Suggested storage condition is between +5°C and +40°C.

The product is sensitive to UV light: keep away from light sources to avoid polymerization.

If stored under the above conditions, the shelf life of PRINTOJET UV is 12 months.

Packaging

Plastic drums 25, 50,100 Kg and in IBC 1000 kg

Material safety

“Detailed health and safety information can be found in our safety data sheet, available according to ECC Directive”

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