

TECHNICAL LEAFLET

OLICOTE 8405**Characterisation**

Styrene acrylic copolymer emulsion for the manufacture of flexographic and printing inks.

CHEMICAL STRUCTURE

Styrene acrylic copolymer, water emulsion.

SUPPLIED FORM

Low viscous homogeneous emulsion.

SPECIFICATION (dry matter)

45% +/-1

STABILIZING SYSTEM

ANIONIC/NON IONIC

pH

8,0–9,5 as supplied.

SOLUBILITY

It can be mixed in water in any ratio

STORAGE

In original closed containers in cool place it is stable more than six month.

STABILITY

The product must be protected from frost.

The product is stable with all the auxiliaries normally used in textile finishing. Due to its anionic charge can not be mix with cationic softeners.

FILM PROPERTIES**TG**

+100°C

MINIMUM FILM FORMING TEMPERATURE

>80°C

FILM APPEARANCE

Transparent, tack free, hard but elastic. Heat sealable

MECHANICAL STABILITY

Excellent

APPLICATION

OLICOTE 8405 is designed for the preparation of aqueous, glossy, heat sealable resistant paper coatings, flexographic and printing inks. It is also suitable for aluminium and plastic substrates. The products enhance an excellent spreading capacity and good transfer properties.

The formulation done with OLICOTE 8405 allow to obtain well thinnable pigment concentrates due the full compatibility with the pigments commonly used in water based system.

OLICOTE 8405 shows quick and tack free drying in aqueous printing inks.

The good compatibility with alcohols reduces the drying time, whereas the addition of glycols increase the drying time.

All the information's given are believed to be correct. In any case we cannot accept any responsibility since we cannot control the conditions in which our products are used.