

Technical Information

Raw Material I HUK - 0014 KETONIC RESIN UK - 500 HS



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UK 500 HS is a ketone with higher hydroxyl value. It imparts improved heat resistance & better blocking resistance. Its high degree of polarity improves adhesion, pigment wetting & gloss. The Solvent releases is the fastest with UK 500 HS

Applications

- Cellulose Lacquers
- Ball Point Pen Inks
- Nail Varnishes
- Surface Coatings

Specifications

Physical Appearance	Pale Yellow Lumps
Colour in Gardner Scale (50% in Ethanol)	1 - 2
Viscosity in Sec @ 30°C (50% ethanol in B4 Ford up)	28 - 30
Softening Range in °C (Capillary method)	108 - 118
Hydroxyl Value	230 - 260
Acid Value (MG KOH/ GM)	1 Max

Solubility

UK 500HS is soluble in a wide range of solvents

- Ethanol
- N - Butanol
- ISO - Butanol
- Acetone
- Methyl Ethyl Ketone
- Cyclohexanone
- Methyl ISO Butyl Ketone
- Phenoxy Glycol
- Methanol

Compatibility

UK 500 HS is compatible with a range of resins systems.

- Alkyds - Short & Medium Oil
- Epoxy resins

- Formaldehyde resins
- Maleic resins
- Nitrocellulose
- Phenolic Resins (SS)
- Polyaminoamide resins
- Polyvinyl Butyrals

Packing

25 Kg. Paper bags with HDPE liner

Shelf Life

Recommended for use within one year of date of manufacture

Storage Conditions

Should be stored in a cool & dry place