

Resanon 121

Description

RESANON 121 is ketone resin based on cyclohexanone-formaldehyde. It is neutral, light in colour, and inert to saponification. RESANON 121 is soluble toluene, alcohols, ketones, acetates, glycols, chlorinated solvents whereas is not soluble aliphatic hydrocarbons, white spirit, mineral oils. RESANON 121 is nitrocellulose, ethylcellulose, cellulose acetate, hydrolyzed vinyl chloride/vinyl acetate resin, polyvinyl butyral, some short oil alkyds, several plasticizer whereas is partially compatible with chlorinated rubbers, polyamides, polyurethanes. RESANON 121 is not subject to saponification and has good resistance to acid and alkalis.

CAS reg. N°: 25054-06-2.

Data

Physical Appearance	Gritty white powder
Colour (Gardner scale 1963 - 50% toluene)	Max. 1
Softening point - Ball & Ring (°C)	100 – 110
Water content (%)	Max 0.6
Hydroxyl number (mg _{KOH/g})	230 – 280
Acid value (mg _{KOH/g})	Max. 0.5

Uses

- ball-point pen pastes, printing inks based on polyvinyl butyral and nitrocellulose alkyd resin to improve drying, adhesion and gloss;
- manufacture of all types nitrocellulose lacquers and is most suitable for paper lacquers and also useful on the manufacture of PVC lacquers and for polishing lacquers and finishes for the surface treatment of wooden furniture;
- hot melt compounds to protect mechanical parts;
- raw material in the formulation of nitrocellulose finishes as its low viscosity helps a formulator to obtain thick films with good mechanical properties, hardness, adhesion, flexibility and gloss;
- paper coating varnishes, nail varnishes;
- manufacture of ball pen inks, in formulating of flexographic inks, ball pen inks;
- Chlorinated rubber paints;
- Hammer finishes.

Packing

- Three leaf paperkraft bags containing 25 Kg net on shrink-filmed pallets loading 1000 Kg net;
- Big-bags containing 500 Kg net on shrink-filmed pallets loading 1000 Kg net.

Safety

Resanon R121, is not been classified as a dangerous material.

Requirements

The information given is to the best of our knowledge true and accurate, but any recommendations or suggestions made are without guarantee, since the conditions of use are outside our control.

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