

# Resanon 100i

Description

RESANON 100i is ketone resin based on cyclohexanone-formaldehyde. It is neutral, light in colour, and inert to saponification. RESANON 100i is soluble toluene, alcohols, ketones, acetates, glycols, chlorinated solvents whereas is not soluble aliphatic hydrocarbons, white spirit, mineral oils. RESANON 100i 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 100i 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)	104 - 107
Water content, (%)	Max. 0,5
Hydroxyl number, (mg <sub>KOH/g</sub> )	185 – 220
Acid value, (mg <sub>KOH/g</sub> )	Max. 0.5

Uses

- can improve the processibility in vinyl chloride copolymer systems;
- 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;
- flexografic inks and paper coating varnishes, ball pen inks, flexografic printing inks;
- its addition to paints based on chlorinated rubbers improves gloss and eliminates pinholes;
- hammer finishes;
- nitrocellulose lacquers, chlorinated rubber paints, hammer finishes.
- nail varnishes;

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 R100i, 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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