

# Resanon 121E

Description

RESANON 121E is ketone resin based on cyclohexanone-formaldehyde. It is neutral, light in colour, and inert to saponification. RESANON 121E is soluble toluene, alcohols, ketones, acetates, glycols, chlorinated solvents whereas is not soluble aliphatic hydrocarbons, white spirit, mineral oils. RESANON 121E 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 121E is not subject to saponification and has good resistance to acid and alkalis.

CAS reg. N°: 25054-06-2.

Data

Physical Apperance	Gritty white powder
Colour (Gardner scale 1963 - 50% toluene)	Max. 1
Softening point - Ball & Ring (°C)	95 – 103
Water content (%)	Max. 0.5
Hydroxyl number (mg <sub>KOH/g</sub> )	230 - 280
Acid value (mg <sub>KOH/g</sub> )	Max. 0.5

Uses

- ball-point pen pastes, printing inks based on polyvinyl butyral and nitrocellulose alkyd resin to improve drying, adhesion and gloss;
- 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 flexografic inks, ball pen inks;
- Chlorinated rubber paints;

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 R121E, 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.

January 2010

RESINE ITALIANE S.r.l.  
Via Giuseppe Garibaldi, 8  
35020 CASALSERUGO (PD) Italy  
Tel: 0039-(0)49-643143  
FAX: 0039-(0)49-8740380  
E-Mail: [info@resineitaliane.com](mailto:info@resineitaliane.com)  
Internet: [www.resineitaliane.com](http://www.resineitaliane.com)