

KETONE RESIN

Product Name: Ketone Resin, Polyketone Resin.

Appearance: Colorless or yellowish powder.

Characteristics: Ketone resin is a kind of hard resin with high photo stability. It's non-toxic and light-colored. And it's soluble in any solvent used in coating industry except for fatty alkane and water. It also can be mixed and solved with many resins used in paint and ink. So it can raise paint's and ink's properties greatly, such as glossiness, adhesion, pigment wettability, hardness of surface layer and system's solid content. Furthermore, it can reduce system's viscosity. When it is applied in adhesives, it can enhance their first adhesives, especially it is durable adhesively.

Specification:

Type	LDT-120	DT-110	HDT-120	WDT-120	LDT-80
Softening Point (°C)	115min	100-120	120min	115min	75-95
Hydroxyl Value (mgKOH/g)	60min	100min	150min	200min	60min
Acid Value (mgKOH/g)	0.5max	0.5max	1.0max	1.0max	0.5max
Chromaticity (In 40% propanol solution)	10max	3max	-	3max	3max

Compatibility: Ketone resin has good compatibility with the resins listed below:

Alkyd resin	Chlorinated resin
Epoxy resin	Urea resin
Rosin resin	Maleic resin
Amino resin	Nitrocellulose
Phenol formaldehyde resin	Polyamide resin
Styrene resin and acrylic resin	Styrene-modified alkyd resin
Chlorinated ethylene copolymer	Chlorinated wax

Application:

Ink: printing ink, gold blocking ink, anti-forgery ink and flexible relief ink etc.

Paint: nitro-paint, acrylic resin paint, chlorinated rubber paint, amino resin paint, polyester paint. (topcoat primer of automobile and motorcycle, primer of furniture, fancy paint etc.)

Overprinting varnish: overprinting varnish for paper, cigarette bag etc.

Adhesive: heat-melting type pressure sensitive adhesive, solvent sensitive adhesive.

Color paste: ideal interlocking material, it can shorten paste mill time greatly.

Color powder: color powder for electrostatic formation of image, such as electronic formation of image and electrostatic copy etc.

Package: In 25kg compound paper bag