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## Rosin Ester



Type	Product Name	Acid Value mg KOH/g	Softening Point °C	Feature	Application
HD-8101W	Rosin Modified Resin	140-155	145-155	Alcohol soluble, Alkaline Soluble resin, Good Pigment dispersion, Good ink transfer and printability, High Gloss Good compatibility with acrylic emulsion	Grinding Base for the Water-based Ink, Water-Base Varnish
HD-8102W	Rosin Modified Resin	140-155	155-165		
HD-8103W	Rosin Modified Resin	110-130	140-155		
HD-8101A	Rosin Modified Resin	150-170	120-130	Alcohol soluble, Ester soluble, Alkaline soluble, low viscosity	Alcohol Based Flexo Ink, Gravure Ink for laminating Plastic film
HD-8201A	Rosin Modified Resin	180-200	90-100		
HD-8202A	Rosin Modified Resin	180-210	120-130		
HD-8120P	Maleic Resin	≤20	115-125	Good heat-stability anti-age and the strength of adhesive	Adhesive Glazing Oil
HD-8302G	Maleic Resin	≤25	125-135	Good heat-stability anti-age and the strength of adhesive	Nitro-Lacquer Putty Outdoor Enamel Vibrating Road Marking Paint
HD-8902G	Rosin Glycerol Ester	≤10	87-93	Good heat-stability and superior ability of anti-oxidation	PS Adhesive TP Adhesive Paint
HD-8611T	Road Marking Resin	≤25	100-110	Super excellent anti-turning yellow and anti-age	Thermoplastic Road Marking Paint



## Gum Rosin and Rosin Ester Dissolvability Comparability



Product	Dissolvability						Compatibility with Resin Or Rubber	Compatibility with Vegetable Oil
	Tar	Turpentine	Ester	Ketone	Alcohol	Hydrocarbon		
Gum Rosin	○	○	○	○	○	○	-----	Heated Mixture
Glycerol Ester	○	○	○	○	⊙	○	EVA Resin SIS ,SBS	Fourfold Linseed Oil
Pentaerythritol Ester	○	○	○	○	⊙	●	Phenolic Resin SIS,SBS	Fourfold Linseed Oil
Maleic Resin(Glycerol)	○	○	○	○	⊙	●	Cellulose Nitrate Plastics	Duplation Linseed Oil
Maleic	○	○	○	○	⊙	●	Phenolic Resin	Duplation Linseed Oil
Road Marking Resin	○	○	○	○	⊙	●	C5,C9 Petroleum Resin	Fourfold Linseed Oil
Ink Resin	○	○	○	○	○	●	-----	Duplation Linseed Oil

**Remark:** ○Dissolve ⊙Partial Dissolve ●Not Dissolve



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