



HONGDA GROUP LIMITED
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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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