

# Jiangxi Xitai Chemical Industry Co., Ltd

**Jiangxi Feishang Forestry Co., Ltd.** (abbreviated as Feishang Forestry) was established in 2009, which was jointly incorporated by Shenzhen Feishang Group and three Zhejiang-based shareholders on January 8, 2010, is a large-scale enterprise that integrates forestry, forest chemicals, and forest drugs, with registered capital hitting RMB 131.10 million. In 2009, Feishang Forestry was positioned as an important business for merchant invitation and investment introduction by Jiangxi Forestry Department. Jiangxi Feishang Forestry Co., Ltd also has six subsidiaries:

**Jiangxi Xitai Chemical industry Co., Ltd** is one of the subsidiary corporation of Jiangxi Feishang Forestry Co., Ltd and located Taihe County industrial park. Our mainly product is modified rosin glycerol ester, rosin pentaerythritol ester, resin for hot-melt road-marking, maleic acid resin. Now we have more than 30 staff, total investment is 78 millions, the annual production capacity is more than 12,000 tons modified rosin resin.

## **FSP pentaerythritol ester of rosin tackifying resin series**

FSP series pentaerythritol ester is made by rosin or modified rosin through esterification, esters, stabilized and made of light color, low odor, strong stability of a series of tackifying resin.

Item	FSP95	FSP95A	FSP100	FSP100A	FSP105	FSP110	FSP115	FSP120
Color (Gardner color 50% toluene solution)	2-4	2-4	2-4	2-4	0-1	2-4	0-1.5	2-5

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Softening point °C	95-100	95-100	98-103	99-106	100-106	100-106	108-116	108-116
Acid value (mgKOH/g)	≤30	≤30	≤30	30-40	≤30	≤30	≤30	≤30
Melt viscosity (150°C) centipoise	600-1800	600-1800	1000-2500	1000-2500	1500-3000	2000-5000	2500-6000	4000-16000
Ash content %≤	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Relative density (20°C) ±0.03	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
Flash point °C	240	240	240	240	250	250	260	260

**Application:** Used in hot melt adhesive, pressure sensitive adhesive, film adhesive, plastic, such as adhesive glue stick, colloidal particles, such as sanitary napkin glue, adhesive, adhesive tape, glue, wood glue, etc.; Can also be used for coating products.

**Product feature:** Light color, low odor, good heat tolerance, can improve adhesion of hot melt pressure sensitive adhesive, and can mix with a variety of polymers such as EVA, EAA, NR, SBS, SIS , soluble in toluene, xylene, ethyl acetate, acetone, petroleum ether, vegetable oils, and other organic solvents.

**Package:** 25kg net in PE bag or Paper bag

**Safety attention:** Waterproof, fireproof, away from flammable item and peroxides.

**Remarks:** Can produce according to customer's specific requirement or method.

## FSG rosin glycerol ester tackifying resin series

FSG series glycerol ester of rosin is made up of rosin or modified rosin as the basic raw material , through decoloration , esterification , stabilizing process with a lighter color, stability of tackifying resin products.

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Item	FSG80	FSG85	FSG90	FSG95	FSG100	FSG105
Color (Gardner color 50% toluene solution)	2-4	2-4	2-4	2-4	2-4	2-4
Softening point °C	77-83	83-87	88-95	93-98	98-106	103-108
Acid value (mgKOH/g)	30	30	30	30	30	30
Melt viscosity (150°C) centipoise	200-600	300-700	300-800	800-2000	800-2000	1500-4000
Ash content %≤	0.1	0.1	0.1	0.1	0.1	0.1
Relative density (20°C)±0.03	1.06	1.06	1.06	1.06	1.06	1.06
Flash point °C	230	230	230	240	240	250

**Application:** Used in hot melt adhesive, pressure sensitive adhesive, film adhesive ,such as Bookbinding glue, all-purpose adhesive, adhesive, adhesive tape, hot melt woodworking adhesives products , Can also be used for coating products.

**Product feature:** High softening point ,light color ,low odor , good antioxidant and heat resistance, can greatly improve the adhesion of pressure-sensitive adhesives, available with a variety of polymer ,such as SIS|, SBS, NR, CR, SBR, EVA, and EAA miscible in any proportion, soluble in many organic solvents such as toluene, xylene, petroleum ether, ethyl acetate, acetone.

**Package:** 25kg net in PE bag or Paper bag.

**Safety attention:** Waterproof, fireproof, away from flammable item and peroxides.

**Remarks:** Can produce according to customer's specific requirement or method.

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## FSR road-marking paint resin series

FSR series resin is specially design for road painting.

Item	FSR95	FSR100	FSR100A	FSR100B	FSR105	FSR110	FSR125
Softening point °C	95-100	97-103	97-103	97-103	102-108	107-113	123-128
Color ( Gardner color 50% toluene solution)	≤4	≤4	≤4	≤4	≤4	≤4	≤6
Acid value (mgKOH/g)≤	20	20	20	20	20	20	30-40
Relative density (20°C)±0.03	1.06	1.06	1.06	1.06	1.06	1.06	1.06
Ash content %≤	0.2	0.2	0.2	0.2	0.2	0.2	0.20
Flash point °C	230	230	230	230	240	240	260

**Application:** Mainly use for hot-melt road-marking paint.

**Product feature:** Using this series of road marking paint resin has resistance pressure, wear, anti-pollution and moderate leveling property, strong coating adhesion, fast dry speed, excellent anti-yellow variable, resistance aging performance and TG performance, the advantage of TRA products is fast dry, and not stick dirty, good gloss degrees and color ; dissolved in variety organic solvent ,such as toluene, xylene, oil ether, Ethyl Acetate, acetone, and vegetable oil.

**Package:** 25kg net in PE bag or Paper bag.

**Safety attention:** Waterproof, fireproof, away from flammable item and peroxides.

**Remarks:** Can produce according to customer's specific requirement or method.

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## FSM painting maleic acid resin series

Maleic acid resin series also named as Glyceride Maleic Anhydride Resin, after the reaction with maleic anhydride esterification and made of transparent resin.

Item	FSM100	FSM110	FSM125	FSM130	FSM130L
Softening point °C	97-103	107-113	122-128	127-133	127-133
Color (Gardner color 50% toluene solution)	2-4	3-5	4-6	4-7	3-4
Acid value (mgKOH/g)≤	30	30	30	30	30
Relative density (20°C)±0.03	1.06	1.06	1.06	1.06	1.06
Ash content %≤	0.2	0.2	0.2	0.2	0.2
Flash point °C	260	260	260	260	260

**Application:** This product can be applied to the ester gum, phenolic paint. The polyester, nitrocellulose and polyurethane paints can improve the film hardness, brightness, fullness, also used for hot-melt adhesives and inks.

**Product feature:** Soluble in coal fuel, ester, vegetable oil, turpentine and other solvents, insoluble in alcohol, with a light color, yellowing resistance, aging resistance and strong adhesion characteristics.

**Package :** 25kg net in PE bag or Paper bag.

**Safety attention :** Waterproof, fireproof, away from flammable item and peroxides.

**Remarks:** Can produce according to customer's specific requirement or method.

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