

Methyl Ester Of Hydrogenated Rosin

Methyl ester of hydrogenated rosin is a light amber and low odor liquid resin. It is made from hydrogenated rosin through esterification with methanol, it has marked resistance to aging and oxidation. It is used as a resinous wetting agent, plasticizer and tackifier in finished products such as adhesives, inks, and lacquers.

Applications:

1. Used as a fragrance fixative, it is compatible with many cosmetics containing non-polar and polar ingredients, improving the adhesion and glossiness of cosmetics.
2. Fillers and sealants, adhesives for packaging, labeling, specialized tapes, etc.
3. Ink and varnish plasticizers or tackifiers.
4. Chewing gum, bubble gum, and cheese coating.
5. Fields such as soldering flux, surfactants, and coatings.

Specifications:

Grade	MEHR-3	MEHR-6
Appearance	Pale Yellow Transparent Sticky Liquid	Pale Yellow Transparent Sticky Liquid
Color,(Gardner)	2 max	3 max
Acid value (mgKOH/g)	6max	8 max
Viscosity, mPa·s, 25°C	5500~7500	5500~7500
Refractive Index,at 20°C	1.5100~1.5200	1.5100~1.5200
Density at 25°C	1.018	1.018
Flash Point (Cleveland Open Cup)	175min	175min

Properties:

Excellent fixative, Exceptional cutaneous tolerance, Liquid tackifier and plasticizer resin with excellent ageing characteristics, Light color, Low odor, improve the adhesion and glossiness of cosmetics.

Solubility:

Wide solubility, soluble in esters, ketones, alcohols, ethers, coal tar, petroleum hydrocarbons, and vegetable and mineral oils. Insoluble in water.

Compatibility:

Compatible with nitrocellulose; ethylcellulose; chlorinated rubber; polyvinyl chloride; vinyl acetate-chloride copolymers; polyvinyl ethers; such water-soluble film-formers as casein and starch; natural and synthetic resins and rubber; asphalt; and waxes. Incompatible with cellulose acetate and polyvinyl acetate.

Packaging:

In Iron drum galvanized or with polyvinyl fluoride lining, Net weight 25, 50, 200Kgs each drum.