

Foralyn™ 5020-F CG

Hydrogenated Rosinate

FORALYN™ 5020-F CG hydrogenated gum rosin, a cosmetic grade resin, is the methyl ester of hydrogenated gum rosin. This liquid resin has good oxidative stability and is given a special steam-sparging treatment to ensure minimum odor. With its low odor and low vapor pressure, FORALYN 5020-F CG is particularly useful as a fragrance fixative. It has excellent solubility and compatibility with non-polar and many polar ingredients in cosmetic applications, contributing both adhesion and gloss.

- Contributes to adhesion
- Derived from a natural, renewable source
- Excellent plasticizer
- Fragrance fixative
- Good oxidative stability
- High gloss (high refractive index)
- Low color
- Low odor
- Wide solubility and compatibility range

For further information regarding this product please refer to:

Synthomer Adhesive Technologies

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Property	Typical Value	Unit	Method ¹
Description, Base Resin	Hydrogenated Gum Rosin		
Ring and Ball Softening Point	Liquid		ASTM E 28
Color, Gardner	3 neat		ASTM D 6166
Acid Number	6	mg KOH/g	ASTM D 465
Saponification Number	160	mg KOH/g	
Refractive Index at 20°C	1.519		
Density at 25°C	1.03	kg/dm ³	
Viscosity, Brookfield at 25°C	5860	cP (mPa·s)	
Flash Point (Cleveland Open Cup)	>170	°C	

¹ internal method based upon the specified norm

Applications

Personal Care Additives

Packaging

FORALYN™ 5020-F CG hydrogenated rosin is supplied in tight-head drums.

Storage

Resins are prone to gradual oxidation, some more so than others. This could result in darkening and/or it could have an adverse effect on the solubility of the resin in organic solvents or on its compatibility with polymers. Accordingly, inside storage and "first in, first out" inventory control is recommended. Recommended storage: in original packaging, dry, free from contamination, and below 30°C. FORALYN™ 5020-F CG hydrogenated rosin material will remain within product specification limits for a period of at least twelve months after shipment from Synthomer production facilities in the Netherlands, provided recommended storage conditions are observed. However, as we can neither anticipate the conditions under which the resin is processed nor the end-use applications for which it is used, we recommend that the material be tested upon receipt.

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Comments

Properties reported here are typical of average lots. Synthomer makes no representation that the material in any particular shipment will conform exactly to the values given.