

# Synthomer™ Ester Gum 8WA-M Resin, Kosher



Synthomer™ Ester Gum 8WA-M kosher is a pale, thermoplastic glycerol ester of gum rosin. It is produced by means of a steam stripping process that yields a low-odor resin suitable for use in beverage applications. This resin is produced from glycerin from non-animal origin and gum rosin harvested from pine trees. All kosher products produced by Synthomer are manufactured under rabbinical supervision in full accordance with Jewish dietary law. Synthomer™ Ester Gum 8WA-M kosher is recommended for use as clouding and weighting agent for citrus-flavored non-alcoholic beverage concentrates.

- Low acid number
- Low odor

For further information regarding this product please refer to:

Synthomer Adhesive Technologies

eMail: [Adhesive.Technologies@Synthomer.com](mailto:Adhesive.Technologies@Synthomer.com)

Property	Typical Value	Unit	Method <sup>1</sup>
Ring and Ball Softening Point	86	°C	ASTM E 28
Color, Gardner	5+		ASTM D 1666, 50% solids in xylene
Acid Number	7	mg KOH/g	ASTM D 465
Taste Test (5% in water)	No flavor		
Appearance	Crystalline Solid		
Description, Base Resin	Glycerol Ester of Gum Rosin.		

<sup>1</sup> internal method based upon the specified norm

## Applications

Food Additives

## Compatibility and Solubility

Synthomer™ Ester Gum 8WA-M kosher is compatible in all proportions, or in limited but practically useful concentrations with essential citrus oils, also with SBR copolymers, ethyl cellulose, polystyrene, natural and synthetic rubbers, natural or synthetic resins, waxes and most vinyl polymers. It is soluble in esters, ketones, high molecular weight alcohol, and aliphatic and aromatic hydrocarbon solvents. It is insoluble in methanol, ethanol and water.

## Packaging

Synthomer™ Ester Gum 8WA-M kosher is packaged in 25 kgs thermo-sealed polyethylene bags in pastilles. It is manufactured and shipped from Synthomer facilities in Uruapan Michoacán in Mexico.

## Storage

The resin is provided in pastilles which may fuse, block or lump under any of the following conditions: 1) in hot weather climate 2) if stored near steam pipes or other sources of heat; 3) upon prolonged storage; 4) storage in stacks more than three pallets high, or in any combination of these conditions. Storage at temperature above 30°C should be avoided as these conditions will greatly accelerate the fusion of the product. Inside storage in a temperature-controlled area is recommended in order to minimize product fusion.

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 in its compatibility with polymers. Accordingly, it is recommended that strict control of inventory be observed at all times, taking care that the oldest material is used first.

Synthomer™ Ester Gum 8WA-M kosher will remain within product Sales Specifications for a period of 1 year from production date and if storage conditions outlined in this data sheet are observed. However, as we can neither anticipate the conditions under which the resin is

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processed nor the end use applications for which is used, we recommend that the material be tested upon receipt.

## 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.