

FloraRez® 485

Glycerol Ester of Hydrogenated Rosin

Description

FloraRez 485 is the glycerol ester of partially hydrogenated gum rosin purified to have superior taste and odor characteristics and specially protected from contaminants. It is a pale colored thermoplastic resin that has low acid number. In many countries, it is suitable for use as an ingredient in chewing gum base. It is used as a resin component in various adhesives, inks, coatings, and personal care compositions where oxidative stability is needed.

Applications

- Adhesives and sealants: pressure sensitive, hot melt, solvent, and emulsion
- Plasticizer and softener in chewing gum base
- Inks, coatings, lacquers
- Rubber and plastics modification
- Cosmetics, depilatory waxes

Properties	Sales Specifications	Typical
Color, Gardner, maximum	8	5
Acid Value, mg KOH/g	3 - 10	7
Softening Point, Ring & Ball, °C minimum	75	82
Density @25°C, kg/l		1.07

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Packaging, Storage and Handling

Product is supplied in kraft. lined bags and drums. Product is manufactured to Florachem's sales specifications in China and LATAM.

Store inside or under roof in original packaging. Keep dry. Avoid freezing and excessive heat. Heat and pressure from stacking pallets may increase the tendency of pastilles/granules to fuse or lump.

Features and Benefits

- Natural, renewable
- Resistant to oxidation
- Pale color
- Emulsifiable
- Low taste and odor
- Hydrogenated
- Wide compatibility
- Good heat stability

Compatible with	Soluble in
Natural and synthetic rubber; ethylcellulose; chlorinated rubber; SIS and SBS block copolymers; EVA; neoprene latex; acrylic resins; waxes; plasticizers	Esters; ketones; higher alcohols; glycol ethers; and aliphatic, aromatic, and chlorinated hydrocarbons. Insoluble in ethanol and water.
Regulatory/Classifications	
CAS Number	65997-13-9
DOT Shipping Classification	Not Regulated
Harmonized Tariff Code	380630
INCI (International Nomenclature of Cosmetic Ingredients)	Glyceryl Hydrogenated Rosinate
US FDA	21 CFR 73.1 21 CFR 172.615 21 CFR 175.105 21 CFR 175.125 21 CFR 175.300 21 CFR 175.320 21 CFR 175.380 21 CFR 175.390 21 CFR 176.210 21 CFR 177.1210 21 CFR 177.2600

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