

FloraRez™ G85-FG

Purified Glycerol Ester of Rosin

Description

FloraRez G85-FG is the glycerol ester of gum rosin purified to have superior taste and odor characteristics and specially protected from contaminants. In many countries it is suitable for use as an ingredient in chewing gum base. It is also used as a resin component in various adhesives, inks, coatings, and personal care compositions.

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	5 – 9	6
Softening Point, Ring & Ball, °C minimum	82	86
Density @25°C, kg/l		1.08

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Packaging	Form	Net Weight
Bag, multiwall kraft paper	Pastilles	25 kg

Storage and Handling

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 to fuse or lump.

Features and Benefits

- Natural, renewable
- Thermoplastic
- Pale color
- Emulsifiable
- Low taste and odor
- Tacky
- Wide compatibility
- Broad solubility

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 methanol.
Regulatory/Classifications	
CAS Number	8050-31-5
DOT Shipping Classification	Not Regulated
Harmonized Tariff Code	380630
INCI (International Nomenclature of Cosmetic Ingredients)	Glyceryl 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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