

FloraRez™ G85

Glycerol Ester of Rosin

Description

FloraRez G85 is the glycerol ester of gum rosin, sometimes referred to as "ester gum". It is a pale colored thermoplastic resin that has low odor and low acid number. It is 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
- Tapes and labels
- Inks, coatings, lacquers
- Rubber and plastics modification
- Cosmetics, depilatory waxes

Properties	Sales Specifications	Typical
Color, Gardner, maximum	8	6
Acid Value, mg KOH/g, maximum	9	7
Softening Point, Ring & Ball, °C minimum	84	86
Density @25°C, kg/l		1.08

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FloraRez™ G85

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 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 175.105 21 CFR 175.125 21 CFR 175.300 21 CFR 175.320 21 CFR175.380 21 CFR 175.390 21 CFR 176.210 21 CFR 177.1210 21 CFR 177.2600

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