

FloraRez™ 440

TEG Ester of Hydrogenated Rosin

Description

FloraRez 440 is a light-colored, tacky, viscous liquid resin with excellent resistance to oxidation and discoloration. It is produced via esterification of partially hydrogenated gum rosin with triethylene glycol. It is a versatile, heat stable liquid tackifier useful in a wide variety of formulations.

Applications

- Plasticizing tackifier for hot melt and pressure sensitive adhesives
- Adds tack to adhesives formulated with high softening point resins
- Component in depilatory waxes and other personal care preparations
- Modifier of coatings, elastomers, and waxes

Properties	Sales Specifications	Typical
Color, Gardner, maximum	8	5
Acid Value, mg KOH/g, maximum	10	6
Viscosity @ 100°C, mPa.s	75 - 90	83
Density @25°C, kg/l		1.08

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FloraRez™ 440

Packaging	Form	Net Weight
Drum, lined steel	Liquid	200 kg

Storage and Handling

Store inside or under roof in original packaging. Keep dry. Avoid freezing and excessive heat.

Features and Benefits

- Natural, renewable
- Resistant to oxidation
- Pale color
- Emulsifiable
- Liquid, tacky
- Low odor
- Hydrogenated
- Wide compatibility

Compatible with	Soluble in
Other harder hydrogenated rosin resins; natural and synthetic rubbers; chlorinated rubber; nitrocellulose; ethylcellulose; waxes; plasticizers; film formers	Esters; ketones; higher alcohols; glycol ethers; and aliphatic, aromatic, and chlorinated hydrocarbons. Insoluble in ethanol and water.
Regulatory/Classifications	
CAS Number	68648-53-3
DOT Shipping Classification	Not Regulated
Harmonized Tariff Code	380690
INCI (International Nomenclature of Cosmetic Ingredients)	Triethylene Glycol Hydrogenated Rosinate
US FDA	21 CFR 175.105 21 CFR 176.210 21 CFR 177.2600

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