

FloraRez™ PR

Partially Hydrogenated Rosin

Description

FloraRez PR is gum rosin that has been partially hydrogenated. It is a pale colored resin that has excellent thermal and oxidative stability characteristics due to the hydrogenation process. Compared to unmodified gum, wood, and tall oil rosins, it offers a higher degree of color and solubility stability for its derivative products produced.

Applications

- Tackifier and formulation component in adhesives and sealants
- Heat stable high acid value reactant in numerous applications
- Plasticizer in hot melt coatings
- Rubber and plastic modification
- Soldering flux
- Wax modifier of paper coatings

Properties	Sales Specifications	Typical
Color, Gardner, maximum	6	4
Acid Value, mg KOH/g, minimum	164	166
Softening Point, R&B, °C, minimum	76	79
Abietic Acid Content, %		< 3
Density @25°C, kg/l		1.08

October 2019

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FloraRez™ PR

Packaging	Form	Net Weight
Drum, light gauge steel	Solid	225 kg

Storage and Handling

Preferred storage inside or under roof. Keep out of standing water. Avoid freezing and excessive heat.

Features and Benefits

- Natural, renewable
- Resistant to oxidation
- Pale color
- Thermoplastic
- Acid functionality
- Low odor
- Hydrogenated
- Wide compatibility

Compatible with	Soluble in
Wide range of waxes, rubber, elastomers, thermoplastic polymers and copolymers, drying and non-drying alkyds	Alcohols, esters, ketones, hydrocarbons, chlorinated solvents

Regulatory/Classifications		
CAS Number	65997-06-0	
DOT Shipping Classification	Not Regulated	
Harmonized Tariff Code	380610	
INCI (International Nomenclature of Cosmetic Ingredients)	Hydrogenated Rosin	
US FDA	21 CFR 172.210 21 CFR 175.105 21 CFR 175.125 21 CFR 175.300 21 CFR 175.320 21 CFR 175.390 21 CFR 176.170 21 CFR 176.180 21 CFR 176.200	21 CFR 176.210 21 CFR 177.1200 21 CFR 177.1210 21 CFR 177.1400 21 CFR 177.2600 21 CFR 178.3120 21 CFR 178.3800 21 CFR 178.3850 21 CFR 178.3870

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