

FloraRez™ HR

Highly Hydrogenated Rosin

Description

FloraRez HR is gum rosin that has been hydrogenated to a high degree. It is a nearly colorless thermoplastic 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 the highest degree of color and solubility stability for its derivative products produced.

Applications

- Tackifier and modifier in adhesives and sealants
- Heat stable high acid value reactant in numerous applications
- Component in hot melt and solvent-based coatings
- Rubber and plastic modification
- Wax modifier

Properties	Sales Specifications	Typical
Color, Gardner, maximum	2	1
Acid Value, mg KOH/g, minimum	164	171
Softening Point, R&B, °C, minimum	76	79
Abietic Acid Content, %		< 1
Dehydroabietic Acid Content, %		< 10
Tetrahydro Resin Acid Content, %		> 30
Density @25°C, kg/l		1.08

September 2018

The information herein is believed to be accurate and is offered for your consideration and verification. Buyer assumes all risk from the use, storage and/or handling of the product. Florachem makes no warranties, express or implied, as to the accuracy or utility of these data or suitability of products for a particular use. The products supplied by Florachem are for manufacturing use only and are supplied based on specifications. Read and understand the Safety Data Sheet (SDS) before using this product.

FloraRez™ HR

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
- Nearly colorless
- Thermoplastic
- Acid functionality
- Low odor
- Highly 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	<table border="0"> <tr> <td>21 CFR 172.210</td> <td>21 CFR 176.210</td> </tr> <tr> <td>21 CFR 175.105</td> <td>21 CFR 177.1200</td> </tr> <tr> <td>21 CFR 175.125</td> <td>21 CFR 177.1210</td> </tr> <tr> <td>21 CFR 175.300</td> <td>21 CFR 177.1400</td> </tr> <tr> <td>21 CFR 175.320</td> <td>21 CFR 177.2600</td> </tr> <tr> <td>21 CFR 175.390</td> <td>21 CFR 178.3120</td> </tr> <tr> <td>21 CFR 176.170</td> <td>21 CFR 178.3800</td> </tr> <tr> <td>21 CFR 176.180</td> <td>21 CFR 178.3850</td> </tr> <tr> <td>21 CFR 176.200</td> <td>21 CFR 178.3870</td> </tr> </table>	21 CFR 172.210	21 CFR 176.210	21 CFR 175.105	21 CFR 177.1200	21 CFR 175.125	21 CFR 177.1210	21 CFR 175.300	21 CFR 177.1400	21 CFR 175.320	21 CFR 177.2600	21 CFR 175.390	21 CFR 178.3120	21 CFR 176.170	21 CFR 178.3800	21 CFR 176.180	21 CFR 178.3850	21 CFR 176.200	21 CFR 178.3870
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