

FloraRez™ DR95

Polymerized Rosin

Description

FloraRez DR95 polymerized rosin is produced by partial dimerization of gum rosin. This catalytic polymerization processing results in an elevated softening point while maintaining the acid functionality of rosin. This resin is pale, thermoplastic, and crystallization-resistant, and is less prone to oxidation than unmodified rosin. The high acid functionality promotes specific adhesion to a variety of substrates.

Applications

- Hot melt adhesives for packaging, product assembly, flooring, and construction
- High acid value reactant in numerous applications
- Pressure sensitive adhesives
- Caulks and sealants
- Inks, varnishes, coatings, lacquers
- Solder fluxes
- Depilatory waxes

Properties	Sales Specifications	Typical
Color, Gardner, maximum	9	7
Acid Value, mg KOH/g, minimum	150	158
Softening Point, R&B, °C	90 - 100	95
Density @25°C, kg/l		1.07

August 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™ DR95

Packaging	Form	Net Weight
Bag, multiwall kraft paper	Pastilles	25 kg
Drum, light gauge steel	Solid	225 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
- Thermoplastic
- Acid functionality
- Non-crystallizing
- Wide compatibility

Compatible with	Soluble in
Ethylcellulose, natural and synthetic rubbers and film-formers, polychloroprene, drying oils, alkyd resins, shellac, low molecular weight polyethylene, paraffin and microcrystalline waxes	Higher molecular weight alcohols, esters, ketones, hydrocarbons, and chlorinated solvents. Insoluble in methanol, ethanol, isopropanol and water.

Regulatory/Classifications		
CAS Number	65997-05-9	
DOT Shipping Classification	Not Regulated	
Harmonized Tariff Code	380690	
INCI (International Nomenclature of Cosmetic Ingredients)	Polymerized Rosin; Dimer Rosin	
US FDA	21 CFR 175.105	21 CFR 176.210
	21 CFR 175.125	21 CFR 177.1200
	21 CFR 175.300	21 CFR 177.1210
	21 CFR 175.320	21 CFR 177.1400
	21 CFR 175.380	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

August 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.