

FloraRez™ 120AA

Acrylic Acid Modified Rosin

Description

FloraRez 120AA is a near-colorless, hard, high acid value thermoplastic resin. It is produced by gum rosin with acrylic acid in carefully controlled conditions.

Applications

- Formulation component in hot melt and pressure sensitive adhesives
- Soldering fluxes
- Inks, varnishes, coatings, lacquers

Properties	Sales Specifications	Typical
Color, Gardner, maximum	2 Max	1
Acid Value, mg KOH/g	235 - 245	240
Softening Point, R&B, °C, minimum	115 - 130	120
Solubility in IPA, 2:8		Clear
Density @25°C, kg/l		1.08

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™ 120AA

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. We request our customers to test our products before using them on industrial scale. Due to the thermoplastic behavior, pastillated and flaked resins may fuse, block or lump. This can be accelerated under any of the following conditions: 1) above 25°C temperature 2) prolonged storage 3) pressure, e.g., stacking pallets, or a combination of these conditions. This is particularly applicable for low softening point resin grades. In order to maintain the flake or pastille shape, we therefore recommend storing the material in a temperature-controlled area; be careful with stacking material or applying pressure and preventing prolonged storage. It should be noted that lumping does not have a negative impact on the product specifications. Due to the nature of the product, claims regarding lumping cannot be accepted. Resins are prone to gradual oxidation, some more so than others. This could result in darkening and/or it could have an adverse effect on the solubility of the resin in organic solvents or on its compatibility with polymers. Accordingly, it is recommended that strict control of inventory be observed at all times, taking care that the oldest material is used first. The user of our products bears the responsibility of determining their suitability for a particular application or formulation or determining that the products or their use do not infringe any intellectual property. We do not assume any responsibility or warranty, expressed or implied, resulting from handling, usage and storage whether performed according to the instructions contained in this document, whether used alone or in combination with other products. The buyer assumes all responsibility and liability for loss or damage arising from the handling and use of our products, either alone or in combination with other products.

Features and Benefits

- Natural, renewable
- Pale color
- Thermoplastic
- Acid functionality
- Low odor
- Wide compatibility

Compatible with

Soluble in

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Worldwide Locations: Jacksonville, FL. : Mission, TX. : Newark, NJ : Springfield, MO : Hong Kong. : Tokyo : Osaka

FloraRez™ 120AA

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	83137-13-7
DOT Shipping Classification	Not Regulated
Harmonized Tariff Code	380690
INCI (International Nomenclature of Cosmetic Ingredients)	Not Listed
US FDA	

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