

FloraRez™ PE100

Pentaerythritol Ester of Rosin

Description

FloraRez PE100 is a pentaerythritol ester of gum rosin. It is a pale, medium hard, thermoplastic resin that is used in a wide range of tackifier applications. Compared to similar products from tall oil rosin, FloraRez PE100 exhibits lighter color and lower odor under most conditions.

Applications

- Adhesives: pressure sensitive, hot melt, solvent, and emulsion
- Sealants and caulks
- Wax modification
- Rubber compounding and plastics modification
- Road marking
- Cosmetics and personal care
- Coatings and inks

Properties	Sales Specifications	Typical
Color, Gardner, maximum	5	3
Acid Value, mg KOH/g, maximum	18	15
Softening Point, Ring & Ball, °C	95 – 105	102
Density @25°C, kg/l		1.06

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FloraRez™ PE100

Packaging	Form	Net Weight
Bag, multiwall kraft paper	Pastilles	25 kg

Storage and Handling

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

Features and Benefits

- Natural, renewable
- Pale color
- Low odor
- Emulsifiable
- Wide compatibility
- Hard, free flowing

Compatible with	Soluble in
Natural and synthetic rubbers, EVA copolymers, SIS and SBS block copolymers, low molecular weight polyethylene, paraffin and microcrystalline waxes	Aromatic and aliphatic hydrocarbon solvents, esters, ketones and chlorinated solvents
Regulatory/Classifications	
CAS Number	8050-26-8
DOT Shipping Classification	Not Regulated
Harmonized Tariff Code	380690
INCI (International Nomenclature of Cosmetic Ingredients)	Pentaerythrityl Rosinate
US FDA	21 CFR 175.105 21 CFR 175.300 21 CFR 175.380 21 CFR 175.390 21 CFR 176.210 21 CFR 177.1210 21 CFR 177.2600

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