

# FloraRez™ T1125

Terpene Resin

## Description

FloraRez T1125 terpene resin is a pale, tacky, thermoplastic resin produced by catalytic polymerization of turpentine. This polyterpene resin is inert and lower in molecular weight than resins derived from petroleum hydrocarbons. Characterized by light initial color and outstanding stability, this resin is compatible with a wide range of polymers including SIS, SBS, SEBS, EVA, and natural rubber. This tackifier has broad utilization in adhesives, natural and synthetic rubber modification, coatings, and waxes.

## Applications

- Pressure sensitive adhesives, acrylic and natural rubber based
- Hot melt adhesives
- Coatings
- Modifier for waxes
- Rheology modifier for rubber, vinyl, and plastics

Properties	Sales Specifications	Typical
Softening Point, Ring & Ball, °C	120 – 129	125
Color, Gardner, maximum	5	4
Acid Value, mg KOH/g		<1
Density @25°C, kg/l		0.99

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# FloraRez™ T1125

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

## Storage and Handling

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

## Features and Benefits

- Renewable turpentine source
- Very pale color
- Enhances tack
- Low odor
- Thermally stable
- Wide compatibility

Compatible with	Soluble in
Natural and synthetic rubber; chlorinated rubber; ethylene-based copolymers; acrylics; polyesters; waxes.	Petroleum hydrocarbons (aromatic, aliphatic, and chlorinated), terpene hydrocarbons, esters, ethers, coal tar, vegetable and mineral oils, and some longer-chain alcohols. Insoluble in water, ketones, and most alcohols.
Regulatory/Classifications	
CAS Number	31393-98-3
DOT Shipping Classification	Not Regulated
Harmonized Tariff Code	391110
INCI (International Nomenclature of Cosmetic Ingredients)	Not listed
US FDA	21 CFR 175.105 21 CFR 175.125 21 CFR 175.300 21 CFR 175.380 21 CFR 175.390 21 CFR 176.170 21 CFR 176.180 21 CFR 177.1210 21 CFR 177.2600

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