

DESCRIPTION

DERTOPHENE® T 105 is a light-colored and low VOC terpene phenolic resin. It allows to improve the properties of hot melt or solvent based adhesives such as specific adhesion, hot tack or flexibility.

USES :

- EVA based hot melt adhesives for packaging, bookbinding, woodworking and labelling.
- SBCP based hot melt pressure sensitive adhesives.
- Solvent based acrylics adhesive
- Sealants based on butyl rubber or polyurethane.
- Solvent based adhesives formulated with natural or acrylic rubber.
- Tires tread compounding.

TYPICAL VALUE

| SPECIFICATION | UNIT | TYPICAL VALUE |
|----------------------------|-------|---------------|
| Soft. point, R&B | °C | 105 |
| Gardner color 50 R /50 Tol | Gardn | 3 |
| Total VOC at 180°C | mg/kg | Max 80 |
| Phenol (VOC at 180°C) | mg/kg | Max 10 |
| Toluene (VOC at 180°C) | mg/kg | Max 10 |

OTHER TECHNICAL DATA

| | UNIT | TYPICAL VALUE |
|---|----------|---------------|
| Hydroxyl value | | 20 - 60 |
| Molecular weight (Mw) | | About 700 |
| Glass transition temperature (Tg mid) | °C | 55 |
| Acid value | mg KOH/g | Max 1 |
| Bio-Based content (measured by ASTM D6866-21 Method B) | % | 84 |

Totally soluble in aromatic, aliphatic and chlorinated solvents.
Compatible with ethylene / vinyl acetate, copolymers, natural rubber, synthetic rubbers (SIS, SBS, SBR, chloroprene) polyesters, acrylics.

IDENTIFIERS

EINECS Polymer. All monomers are listed

TRANSPORT

STABILITY AND STORAGE About 18 months, storage conditions and a strict inventory control must be observed. Under cover and at temperature below 30°C.

PACKAGING Flaked in 25 kg paper bags on wrapped pallets of 750 kg net weight or Big Bag of 500 kg on 1000 kg net weight pallets.

CUSTOMS TARIFF 3911901990

The data herein are based on our knowledge about above product. They are without conditions or warranties, expressed or implied regarding the uses of the product. DRT analytical methods are available on request.



TECHNICAL DATA SHEET / 08.03.2023

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