

## DESCRIPTION

HYDROGRAL® G is a glycerol ester of partially hydrogenated rosin. It is specially recommended to improve oxidation resistance and long-term adhesive performances of adhesives such as insulation sealants or pressure sensitive adhesives.

### USES:

- Insulation sealants formulations based on synthetic rubber such as SBR.
- Pressure sensitive adhesives (hot melt or solvent based), contact glues.
- Depilatory waxes.

## TYPICAL VALUE

| SPECIFICATION            | UNIT  | TYPICAL VALUE |
|--------------------------|-------|---------------|
| Soft. point, R&B         | °C    | 85            |
| Gardner Color 50R/50 Tol | Gardn | 6             |
| Acid number (mg KOH/g)   | mg/g  | 8             |
| Dehydroabietic structure | %     | 15            |
| Abietic structure        | %     | 0.6           |

## OTHER TECHNICAL DATA

|   | UNIT     | TYPICAL VALUE |
|---|----------|---------------|
| Molecular weight (Mw)                                     | G / mole | About 700     |
| Glass transition temperature (Tg mid)                     | °C       | 42            |
| Bio-Based content<br>(measured by ASTM D6866-21 Method B) | %        | 100           |

Totally soluble in aromatic, aliphatic, chlorinated solvents, in acetates, glycols.  
Compatible with EVA, natural and synthetic rubbers, APAO (amorphous polyalpha olefines).

## IDENTIFIERS

|        |            |
|--------|------------|
| CAS    | 65997-13-9 |
| EINECS | 266-042-9  |

## TRANSPORT

|                              |   |
|------------------------------|---|
| <b>STABILITY AND STORAGE</b> | Stability of about 6 months in flaked form in standard storage conditions.                                      |
|                              | Stability of about 12 months in cardboard drum in standard storage conditions.                                  |
|                              | Under cover and at temperature below 30°C. A strict inventory control must be respected (first in – first out). |
| <b>PACKAGING</b>             | Flaked in 25 kg net weight paper bags on wrapped pallets of 750 kg net weight.                                  |
|                              | 200 kg net weight cardboard drums on 800 kg pallets.  |
| <b>CUSTOMS TARIFF</b>        | 3806300000  |

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 / 21.03.2023

