

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

SUGUM 103 HS is a Pentaerythritol ester of gum rosin, which has been stabilised to provide excellent thermal resistance and excellent resistance against oxidation.

CHARACTERISTICS

Light yellow solid.

Is compatible with all the usual compounds as:

- EVA polymers, SIS, SBS, SBR, natural rubber, butyl rubber, neoprene, and other polymers;
- Hydrocarbon and terpene resins.

Is soluble in:

- Aromatic and aliphatic hydrocarbon solvents;
- Esters and Ketones.

Is insoluble in:

- Alcohol and water.

APPLICATIONS

It is recommended for use in EVA and other hot-melts as tackifiers due to:

- Excellent thermal resistance;
- Good compatibility with waxes;
- Total compatibility with EVA polymers;
- Excellent internal cohesion;
- Excellent resistance oxidation due to low abietic acid contents.

It can also be used in Pressure Sensitive Adhesives (PSA), rubber compounding, coatings and other application.

PRODUCT SPECIFICATIONS ¹

Property	Product Specification	Typical Properties	Units
Acid Number	20 max	15	mg KOH/g
Softening Point (R&B)	103-109	105	°C
Colour Gardner (50%, Toluene)	4 max	3	-----

FORM OF SUPPLY

Pearls: 25Kg bags;

SHELF LIFE

Up to six months under normal storage conditions.

¹Analytical Methods are available on request.

The information in this Technical Data Sheet is, to the best of our knowledge, true and accurate, but since the conditions of use are beyond our control, no warranty is given or to be implied in respect of such information. We are, at all times, willing to study customer's specific outlets involving our products in order to enable their most effective use.

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