



RUBBERAID® PA49

TECHNICAL DATA SHEET

Issue No : 004/01

Date: 01.10.2022

Product Name:

RubberAid® PA49

Composition:

Blend of Fatty Acid Derivatives

Purpose :

Rubber Processing Additive / Dispersion Agent / Flow Modifier / Lubricants

Typical Properties

Appearance : Beige - Light Brown – Off White Pastilles

Specific Gravity : 1.07 ± 0.05

Dropping Point (Mettler Method, °C) : 112.5 ± 7.5

Ash Content (Wt. %, 950 °C / 2 Hrs) : 10 ± 5

Suggestions / Recommendations for Applications

RubberAid PA 49 processing additive is expected to reduce viscosity and improve extrusion rate in silica filled rubber compounds.

- It can be used as a physical peptizer and processing additive for natural rubber compound formulations. This processing additive is expected to promote the crosslinking reaction between polysulfide silane coupling agents and polymer, and has minimal effect on dynamic stiffness.
- In silica based natural and synthetic rubber compounds, Rubber Aid PA 49 could improve downstream processing while enhancing the physical properties.
- It processing additive can be used with silane coupling agents and expected to exhibit synergistic effect and improves the compound properties.
- It could be useful in injection and transfer molding, and also for continuous vulcanization due to its ability to stabilize vulcanization at high temperatures.

Dosage:

1 – 5 phr

Packaging

Packed in 25 kilo Paper Bags / Cartons

Shelf Life & Storage conditions.

It is stable for 2 (two) years from the date of manufacturing. It should be stored in a cool dry place. Retest can be done after 2 years for extension of validity of the properties of the product.

Handling Precaution

Refer SDS for complete details

Disclaimer

The suggestions for application and usage of our products as well as possible proposed formulations are meant to advise only to the best of our knowledge. This information is without obligation and does not release customers from their own testing to ensure suitability for intended processes and use. Each producer is responsible and liable to observe legislation and patent rights of third parties. We accept no liability for any use or application unless explicitly stated by us. These data are not to be considered as specification.

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