



RUBBERAID® PA50

TECHNICAL DATA SHEET

Issue No : 004/01

Date: 01.10.2022

Product Name:

RubberAid® PA50

Composition:

Zinc Soap of Unsaturated Fatty Acids.

Purpose

Rubber Processing Additive / Dispersion Agent / Flow Modifier / Physical Peptizer

Typical Properties

Appearance	: Beige to Brown Pastilles / Flakes
Specific Gravity	: 1.10 ± 0.05
Dropping Point (Mettler Method, °C)	: 103 ± 6
Ash Content (850 °C / 2Hr, %)	: 14.5 max
Zinc Oxide Content (Wt. %)	: 14.5 max
Iodine Value	: 40 - 60

Suggestions / Recommendations for Applications

RubberAid PA50 is an effective physical peptizer for NR.

- The double bond presents in RubberAid PA50 could stabilise free radical formation, which in turn could improve reversion resistance and tear strength of rubber compounds.
- It is used to lower power consumption during mixing cycle, dumping mixing cycle, dumping temperature, Mooney Viscosity and improve filler dispersions
- If used in solution SBR provides easier mixing and extrusion of compounds. Mold flow and mill roll release properties could also be enhanced. As a process additive, compound viscosity is reduced and reversion resistance property is also improved.
- It is suitable for use in all polymers with an exception of halogenated rubbers.

Dosage:

3 – 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.