



RUBBER AID PA50

TECHNICAL DATA SHEET

Issue No : 002/01

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Product Name:

RUBBER AID PA50

Rubber Processing Additive / Dispersion Agent / Flow Modifier / Lubricant

Composition:

Zinc Soap of Unsaturated Fatty Acids.

Typical Properties

Appearance	: Beige to Brown Pastilles / Flakes
Specific Gravity	: 1.1 ± 0.05
Dropping Point (Mettler Method, °C)	: 103 ± 6
Ash Content (850 °C / 2Hr, % Max)	: 14.5 (Max)
Zinc Oxide Content (Wt. %, Max)	: 14.5

Suggestions / Recommendations for Applications

Rubber Aid PA50 is an effective physical peptizer for NR

- The double bonds present in Rubber Aid – PA 50 could stabilize free radical formation, which in turn could improve reversion resistance and tear strength of rubber compounds
- It can be used to lower power consumption during mixing cycle, dumping temperature, Mooney viscosity and improve filler dispersions.
- Its use 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 viscosities are reduced and reversion resistance property is improved.
- It is suitable for use in all polymers with the 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.

TECHNO WAXCHEM PVT. LTD.

3C, Hitech Chambers, 84/1B, Topsia Road(S), Kolkata – 700 046, WB, India

Tel: +91 33 2285 1278 / 1279, 4004 8093 / 88094

Fax: +91 33 2285 1280. Email – info@twc.in. URL – www.twc.in