



RUBBERAID® PA50P

TECHNICAL DATA SHEET

Issue No : 004/01

Date: 01.10.2022

Product Name:

RubberAid® PA50P

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	: 1.05 ± 0.05
Dropping Point (Mettler Method, °C)	: 95 - 105
Ash Content (850 °C / 2Hr, %)	: 11 - 14
Zinc Content (Wt. %)	: 10 – 11
Iodine Value	: 40 - 60

Suggestions / Recommendations for Applications

Rubber Aid – PA50P is a rubber soluble zinc soaps, which could lead to a faster physical peptization of NR. It can be used in all types of rubbers. Due to its effectiveness in the incorporation of fillers faster, shorter mixing cycle could be realized.

- It is rubber stable and does not bloom from the vulcanization, due to wide solubility range.
- It has double bonds (unsaturated carbon chains). This could stabilize free radical formation and improves reversion resistance, tear strength, resilience, dynamic properties and ageing resistance properties.
- It helps in the mastication, mixing and proper dispersion of fillers in NR mixed with EPDM, PBR, SBR and NBR rubbers and rubber compounds.

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.

TECHNO WAXCHEM PVT. LTD.

5th Floor, 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