



RUBBERAID® PA276

TECHNICAL DATA SHEET

Issue No : 004/01

Date: 01.10.2022

Product Name:

RubberAid® PA276

Composition:

Blend of fatty acid zinc soaps of aliphatic nature

Purpose:

Rubber Processing Additive / Dispersion Agent / Flow Modifier / Lubricant

Typical Properties

Appearance	: Beige to Brown Pastilles / Flakes
Specific Gravity	: 1.1 ± 0.05
Dropping Point (Mettler Method, °C)	: 95 - 105
Ash Content (850 °C / 2Hr, %)	: 15 - 17
Zinc Content (Wt. %)	: 13 ± 1

Suggestions / Recommendations for Applications

RubberAid PA276 is developed specifically for use in compounds containing high loadings of fillers, particularly with high surface area Silica

- It reduces compound viscosity and enhances flow property during extrusion, leads to improved processability
- It is expected to reduce the degree of filler-to-filler re-agglomeration, known as storage hardening, in silica containing rubber compounds. It enhances the scorch safety of both silica and carbon black compounds and could be effective for use in natural rubber and in synthetic rubber such as SBR, SSBR and BR blends, which are frequently used in tire tread compounds.
- It could improve the reversion resistance. The dynamic properties, such as heat build-up, could also be lowered by the use of this processing aid.

Dosage:

2 – 4 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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