

TWC
TECHNO WAXCHEM
RUBBERAID® ZEH

TECHNICAL DATA SHEET

Issue No : 004/01

Date: 01.10.2022

Product Name:

RubberAid® ZEH

Composition:

Zinc 2-ethylhexanoate

Purpose

Rubber Processing Additive / Peptizer / Activator

Typical Properties :

Appearance : Highly Viscous Yellowish Liquid
Specific Gravity : 1.16 ± 0.05
Ash Content (750 °C / 2 Hr. Wt. %) : 27 ± 2
Zinc Content (Wt. %,) : 23 ± 1

Suggestions / Recommendations for Applications :

Rubber Aid ZEH is a rubber soluble zinc soap and could be used as an activator for natural rubber. This in product can be used in the place of stearic acid and reduces stress relaxation and primary creep of NR-vulcanizates / parts.

In synthetic rubbers like SBR and NBR, Rubber Aid – ZEH could partially replace stearic acid.

Due to soluble activator, good dispersions in rubber compounds can be observed, which could exhibit constant and consistent physical properties such as the tensile strength and elongations.

It can be used for masticating natural rubber like other soluble zinc soaps.

It offers heat stability (reversion resistance) in natural rubber compounds containing normal levels of sulfur, particularly with thiazole type accelerators.

Dosage:

1 - 3 phr

Packaging

Packed in 200 kgs drums

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.