

RUBBERAID® ZF16

TECHNICAL DATA SHEET

Issue No : 004/01

Date: 01.10.2022

Product Name:

RubberAid® ZF16

Composition:

Mixture of Fatty Acid Soaps, predominantly Calcium

Purpose:

Rubber Processing Additive / Dispersion Agent / Lubricant / Flow Improver

Typical Properties

Appearance	: Beige to Brown Pastilles / Flakes
Specific Gravity	: 1.0 ± 0.05
Dropping Point (Mettler Method, °C)	: 96 - 108
Ash Content (850 °C / 2Hr, %)	: 3 – 7
Acid Number (mg KOH / g)	: 22 Max

Suggestions / Recommendations for Applications

Rubber Aid ZF16 improves the flow properties of polymeric compounds by reducing viscosity and promoting slippage at the rubber-to-metal interface, which could lead to higher extrusion rates, improved dimensional stability and a constant level of die swell.

- It eliminates sticking to rotors in internal mixers or open mills and calendar rolls.
- It has an activating effect on the cross-linking rate of sulfur cross- linked polymer / rubber compounds.
- It improves EPDM flow and release characteristics in injection and extrusion processes.
- It is recommended for NR, SBR, EPDM, CR, IR, CM, ACM, and thermoplastic Elastomers

Possible Dosage (phr):

EPDM = 1 – 3; BIIR / CIIR = 2 – 5; IIR = 2 – 5; CR = 2 – 4;

IR = 2 – 3; ACM = 1 – 3 and BR = 2 – 3.

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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