

Dispergum 40

INTRODUCTION: **Dispergum 40** is a zinc-free peptizer that is easily incorporated and dispersed in natural rubber and synthetic polymers.

CHEMICAL COMPOSITION: Proprietary oxidation catalyst combined with organic and inorganic additives

APPEARANCE: Blue black pellets

TYPICAL PROPERTIES:

Ash (%), 2hrs at 950°C, DIN EN ISO 3451-1	19.0 – 21.0
Dropping point (°C), Mettler apparatus, DIN ISO 2176	92 - 102
Density @20°C (DIN ISO 787 part 10A)	1.2 g/cm ³

Note: The above analytical data are not specifications.

ADVANTAGES: Dispergum 40 is soluble in rubber and therefore it incorporates and disperses with ease. The duration of the mastication process is drastically reduced by the high efficient oxidation catalyst at low doses. Additional benefits in extrusion applications and injection molding can be obtained through a pre-mastication step and no viscosity drift is observed under storage. Typical dosage is 0.1-1 phr.

APPLICATION: Peptizer for internal mixers at 90 - 180°C for natural rubber or synthetic polymers such as peptizable SBR, BR, and others.

STANDARD: PACKAGING 25 kgs in paper bags

STORAGE: Store in a cool, dry place away from any direct source of heat and moisture. Maximum recommended storage temperature: 25°C

SHELF LIFE: Min. one year in the originally sealed package under the recommended storage conditions.

HANDLING: Avoid all personal contact. Observe good personal hygiene. For additional information, it is advised to consult the Material Safety Data Sheet (MSDS) for **Dispergum 40**

REGISTRATION: Please refer to the Material Safety Data Sheet

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