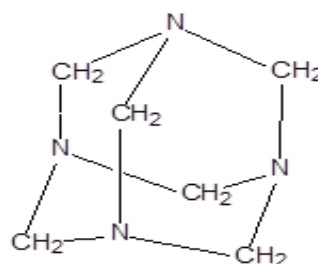


HMT masterbatch (Adhesion promoter)

- HEXAMETHYLENE-TETRAMINE
- Molecular Weight : 140
- CAS : 100-97-0
- EINECS : 202-905-8



PRODUCT	Active Content (%)	Colour N for Natural P for Pigment	Filtration (μ m)	Mooney ML (1+4) 80°C Typical value	Density Typical value
HMT 80 GA F500	80	Off white* (N)	500	30	1.24

GA: Granules co-polymer of acetate/acrylate & polyethylene

* Depending on natural variation of HMT

ACTIVE MATERIAL TYPICAL VALUES

- Purity : 94%

PROPERTIES

Mixland+® HMT masterbatch can be used as a secondary amine accelerator with thiazoles, thiurams and dithio-carbamates. Since it is basic, Mixland+® HMT masterbatch is particularly good in compounds that have acidic fillers such as clay and silica. Amine accelerators like HMT make the zinc cure complexes more soluble and require very little fatty acids. However, when a thiazole and HMT are used together with fatty acid, scorch is delayed without affecting the final cure time. It can also be used as an adhesion promotor in HRH adhesion systems used to bond rubber to brass coated wire. It is suitable for all types of rubber (NR, SBR, NBR) except silicone rubber. Vulcanisates have good mechanical properties and ageing resistance.

APPLICATIONS

Any compounds which fabrics and cords (including those made from metals or glass) are bonded directly to rubber, thick section goods, rollers, soles, tires, press and steam cured, technical goods, vulcanite, etc...

PACKAGING & STORAGE

PE bags weight : 20 kg net
Standard CP3 pallet : 640 kg - Do not pile more than 2 pallets height
Shelf-life : **2 years** in its original packaging
Store in a dry and cool place and away from direct sources of heat or sunlight.

SAFETY & TOXICITY

For detailed information, please refer to our Material Safety Data Sheet.

NITROSAMINE FREE

MIXLAND+® MASTERBATCH ALLOWS:

- Dust free products with a high level of filtration up to 100 μ
- Tack free products at room temperature
- Lower Mooney viscosity, improving quality of dispersion
- Scrap rate reduction thanks to filtration
- Wider compatibility with elastomers

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from the literature but shall in no event be held to constitute or imply any warranty or undertaking. No liability whatsoever can be accepted with regard to the handling, processing or use of the products concerned, which must in all cases be employed with regard to all relevant regulations and/or legislation in the country or countries concerned.

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TECHNICAL DATA SHEET

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