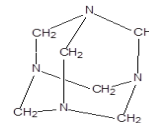


## HMT masterbatch (Adhesion promoter)

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



PRODUCT	Active Content (%)	Color N for Natural P for Pigment	Filtration (µm)	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 promoter 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 100µ
- 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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**ARKEMA**

# DISCLAIMER FOR MEDICAL DEVICE POLICY

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The product described in the brochure is not Medical grade designated for Medical Device applications.

## **Arkema general Medical Devices Policy**

Arkema has implemented an internal Medical Policy regarding the use of Arkema products in Medical Devices applications that are in contact with the body or circulating bodily fluids. Arkema has designated Medical grades to be used for such Medical Device applications. Products that have not been designated as Medical grades are not authorized by Arkema for use in Medical Device applications that are in contact with the body or circulating bodily fluids. In addition, except for limited cases as determined by the Medical Device Policy, Arkema strictly prohibits the use of any Arkema products in Medical Device applications that are implanted in the body or in contact with bodily fluids or tissues for greater than 30 days. For any use of Arkema's product in Medical Device applications, please contact Arkema's sales network.