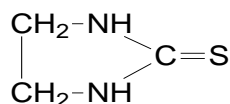


ETU MASTERBATCH

Nitrosamine-free thiourea accelerator and corrosion inhibitor

ACTIVE MATERIAL



Ethylene Thiourea

C₃H₆N₂S
M.W.: 102
CAS: 96-45-7
EINECS: 202-506-9

PROPERTIES:

Mixland+® ETU masterbatch is a primary accelerator or a secondary ultra-accelerator for CR (both sulfur-modified and mercaptan-modified types), an accelerator for epichlorhydrin rubber and a booster in EPDM.

Mixland+® ETU masterbatch provides rubbers with high tensile stress, low compression set, high plasticity and good heat resistance, and increases the modulus after vulcanisation.

In association with antioxidants, Mixland+® ETU masterbatch provides good resistance to ageing.

Mixland+® ETU masterbatch shows a good dispersion, little tendency to scorch and a high degree of processing safety.

Mixland+® ETU masterbatch enables proper vulcanisation to be obtained speedily at normal vulcanising temperatures (above 140° C).

APPLICATIONS:

Cables and wires, footwear, window frame, conveyor belts, rollers, diving suits, etc.

TYPICAL VALUES:

Melting point: 198°C
Purity: 97.0%
Specific gravity: 1.45

REMARKS:

Non-staining
Non-discolouring

MASTERBATCH

PRODUCT	Active Content (%)	Colour N for Natural P for	Filtration (microns)	Binder	Mooney ML (1+4) 50° Typical value	Density Typical Value	Shore Hardness
ETU 80 GA F140	80	White (N)	140	E/AA	35	1.27	50
ETU 80 GA F500			500				

GA: Pellets on ethylene-alkyl-acrylate binder

SAFETY & TOXICITY:

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

PACKAGING & STORAGE:

PE bags weight : 20 kg net-CP3 pallet : 640 kg net.
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

Compared to a traditional EVA/EP(D)M binder, 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 other 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.