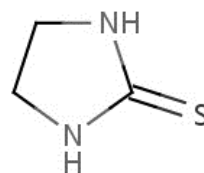


ETU masterbatch (Thiourea accelerator & vulcanizing agent)

- ETHYLENE THIOUREA
- Molecular Weight : 102
- CAS : 96-45-7
- EINECS : 202-506-9



PRODUCT	Active Content	Colour	Filtration	Mooney ML (1+4) 80°C	Density
	(%)	N for Natural P for Pigment	(µm)	Typical value	Typical value
ETU 80 GA F140	80	Off white* (N)	140	30	1.26
ETU 80 GA F500			500		

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

* Depending on natural variation of ETU

ACTIVE MATERIAL TYPICAL VALUES

- Melting point : 198 °C
- Purity : 97.0%

REMARKS

Non-staining
Non-discolouring
Odourless

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.

It provides rubbers with high tensile stress, low compression set, high plasticity and good heat resistance, and increases the modulus after vulcanization.

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

It shows a good dispersion, little tendency to scorch in CR but with a high degree of processing safety in EPDM.

It enables proper vulcanization to be obtained speedily at normal vulcanizing temperatures (above 140° C).

Silica acts as a retarder, in silica compound, Mixland+® ETU masterbatch content has so to be increase

APPLICATIONS

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