

# **DPTT masterbatch** (Thiuram accelerator & sulfur donor)

• DIPENTAMETHYLENE THIURAM HEXASULFIDE

Molecular Weight : 448
 CAS : 971-15-3
 EINECS : 213-537-2

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PRODUCT	Active Content (%)	Colour N for Natural P for Pigment	Filtration (µm)	Mooney ML (1+4) 80°C Typical value	Density  Typical value
DPTT 75 GA F140 <b>●</b>	75	White to yellowish* (N)	140	25	1.29
DPTT 75 BA F140 ❷				15	1.27

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

BA: Slabs on ethylene-alkyl-acrylate binder

\* Depending on natural variation of DPT1

#### **ACTIVE MATERIAL TYPICAL VALUES**

Melting point : 125 °CPurity : 98

# **REMARKS**

Non-staining Non-discolouring

### **PROPERTIES**

Mixland+® DPTT masterbatch is the most active thiuram. It is an effective primary or secondary accelerator or sulfur donor for use in IIR, EPDM, NR, IR, SBR, CR, CSM, and particularly for NBR. For CSM, DPTT should be used together with MBTS to furnish higher safety in blending procedure.

It also yields white rubber with excellent resistance against weathering.

With NR and synthetic rubbers Mixland+® DPTT masterbatch vulcanises without sulfur at low temperatures and leads to products with good physical properties and superb resistance against ageing.

It is effective at low and high temperatures.

It is particularly suitable for light-coloured stocks thanks to sieving of Ekaland<sup>TM</sup> DPTT raw material, Mixland+ $^{\textcircled{8}}$  DPTT masterbatch guarantees no defects on light-coloured surface.

## **APPLICATIONS**

Products requiring ageing resistance, high heat resistant goods, hoses, profiles, CSM products (rubber-coated fabrics, goods for industrial use, cable and wire, etc...).

#### **PACKAGING & STORAGE**

• PE bags weight : 20 kg net

• Cardboard box weight : 25 kg net on Standard CP3 pallet of 600 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.

# 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

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**TECHNICAL DATA SHEET** 

