



Technical Data Sheet

Pentocure – DETU

Accelerators

Composition : N,N'-diethyl thiourea

Specification :

Color	: Off white to white
Appearance	: Powder/Granule
Melting Point	: 75 – 80 °C
Heat Loss	: 0.5 % Max
Ash Content	: 0.5 % Max

Dosage :
• 0.1 – 2 phr

Uses and Benefits :

- Pentocure – DETU is a non-discoloring, non-staining thiourea for high temperature curing of mercaptan-modified polychloroprenes, EPDM and CIIR.
- Pentocure – DETU is used by itself or in combination with a Pentocure – ETU dispersion for continuous curing of solid and cellular extruded goods. (e.g. car door and boot seals cured at 180°-250°C. in fluidized beds or molten salt baths) and in hot air cures.
- Pentocure – DETU is faster curing than Pentocure – ETU and has also been found to act as a retarder in clay-loaded peroxide- cured stocks.
- Pentocure – DETU is used as vulcanization accelerating agent for butyl rubber.
- Pentocure – DETU is used as antioxidant for natural rubber, chloroprene rubber, nitrile rubber and styrene butadiene rubber.
- Pentocure – DETU is used to manufacture industrial rubber products, such as electrical wires, latex foam, tires, inner tubes and so on.

Packing : 25kg Polylinedpolywoven bag / Polylined paper bag.

Storage stability : Up to 1 Year in normal storage conditions.

Handling : Consult material safety data sheet (MSDS) for additional handling information for Pentocure – DETU.

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