



Technical Data Sheet

Pentocure – TETD

Accelerators

Composition : Tetraethylthiuram Disulphide

Specification :

Color	: Off White to White
Appearance	: Flakes/ Powder
Melting Point	: 69 – 73 °C
Ash content	: 0.5 % Max
Heat loss	: 0.5 % Max

Dosage :

- In NR and SBR 0.1 to 0.3 phr.
- In NBR, EPDM and BR 0.5 to 2.0 phr.

Uses and Benefits :

- Pentocure – TETD offers fast vulcanization and gives more scorch delay than Pentocure – TMTD.
- Pentocure – TETD is used as a primary or secondary (ultra) accelerator in multiple blend accelerator systems with thiazoles and sulfenamides.
- Pentocure – TETD is also used as a vulcanizing agent (sulfur donor) in most of the sulfur cured elastomers and as a peptizing agent in sulfur modified polychloroprenes.
- Pentocure – TETD gives an excellent vulcanization plateau with good heat aging and compression set resistance when used in sulfurless vulcanization systems and EV systems.
- Pentocure – TETD used in EPDM rubber as valuable secondary accelerator.
- Pentocure – TETD gives excellent dispersions in soft compounds due to its low melting point.
- Pentocure – TETD is non-staining and non-discoloring; excellent colors are obtained in non-black vulcanizates.
- Pentocure – TETD N-nitrosodiethylamine can be formed by the reaction of diethylamine, a decomposition product, with nitrosating agents (nitrogen oxides).

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 – TETD.

PUKHRAJ ADDITIVES LLP

An ISO 9001:2008 Certified Company

5B, 5th Floor, Diamond House, Plot No. 515, Behind National College,
TPS III, 35th Road, Bandra (W), Mumbai, Maharashtra - 400 050 (INDIA).

Tel: +91-9833538089/+91-22-26494911/26494912/26494913

Email: info@pukhrajzincolet.com Visit us at: www.pukhrajzincolet.com