

IIRCO TMTD

Tetramethyl thiuram disulfide

Thiuram

Product's Specification:

INDEX NAME		INDEX VALUE		
PHYSICAL PERFORMANCE	Appearance	Light gray-White granule	Light gray-White oil powder	Light gray-White powder
CHEMICAL PERFORMANCE	Melting point, °C, ≥	142.0	142.0	142.0
	Loss on Drying, %, ≤	0.40	0.50	0.30
	Residues on 150 µm Sieve, ≤	/	0.10	0.10
	Residues on 63 µm Sieve, ≤	/	0.50	0.50
	Additive, %	/	1.0-2.0	/
	Ash content, %, ≤	0.30	0.30	0.30
	Granule diameter, mm	1.0-3.0	/	/

Properties: White or light gray oil powder(powder-granule). The density is 1.29. Soluble in chloroform, benzene, acetone, CS₂, partly soluble in alcohol, diethyl ether and CCl₄, insoluble in water, gasoline and alkali with lower concentration. Meeting hot water becomes to dimethyl ammonium and CS₂. Sensitive to skin and peogaster.

Applications: Can be used as a single accelerator, as a secondary accelerator or as a sulphur donor in most sulphur-cured elastomers. Scorchy and gives fast cure rates. It produces an excellent vulcanization plateau with good heat aging and compression set resistance in sulphurless and EV cure systems. Good color retention is obtained in non-black vulcanization of polychloroprene rubber with IIRCO ETU and also be used as bactericide and pesticide.

Package: 25kg plastic woven bag, paper with plastic film bag, Kraft paper bag.

Storage: The product should be stored in the dry and cooling place with good ventilation, avoiding exposure of the packaged product to direct sunlight. The validity is 2 years.

IIRCO.

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