



## TMTD(TT)-80

### 秋兰姆类促进剂

### Qiulam



#### Δ 成分 Composition

二硫化四甲基秋兰姆 Tetramethyl thiuram disulfide	80±1%
EPDM 橡胶 EPDM Rubber	20±1%

#### Δ 产品说明 Product Description

外观 Appearance	淡黄色颗粒 Light Yellow granule
密度(g/cm <sup>3</sup> ): Density(g/cm <sup>3</sup> ):	1.28±0.04
门尼粘度,ML(1+4)at50°C: Mooney viscosity,ML(1+4)at50°C:	45±10
过滤工艺(Mesh/pm) Filtration process(Mesh/pm)	150 目/100µm 150mesh/100µm

#### Δ 原料说明 Raw Material description

项目 Item	性能指标 Specification
CAS NO.	137-26-8
初熔点°C ( 活性 TMTD ) ≥ Initial M. P.°C(active TMTD)≥	142.0
加热减量 %≤ Loss on drying %≤	0.30
灰分%≤ Ash content%≤	0.30
筛余物(100µm),%≤ Residue(100µm),%≤	0.10

#### Δ 应用 Application

1 在 NR、IR、BR、SBR、NBR、IR、EPDM 等橡胶中可作超速促进剂; 1 It can be used as an overspeed accelerator in rubbers such as NR, IR, BR, SBR, NBR, IR, EPDM;
2 TMTD 的有效硫含量约为 13.3%,因此类似硫载体可在低硫硫化体系和 EV 体系中为硫化剂使用; 2 The effective sulfur content of TMTD is about 13.3%, so a similar sulfur carrier can be used as a vulcanizing agent in a low sulfur vulcanization system and an EV system;
3 硫化临界温度为 100°C,在硫磺硫化的 NR、SBR、IR、BR、NBR 等二烯类橡胶中作为主,助促进剂常与 CTP 并用,改善胶料焦烧安全性;



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3	The critical temperature of vulcanization is 100 ° C, and it is mainly used in diene rubber such as sulfur-sulfurized NR, SBR, IR, BR, NBR, etc., and the promoter is often used together with CTP to improve the safety of the scorch of the rubber;
4	作一次促进剂需与氧化鋅和硬脂酸配用,也常作噻唑类的二次促进剂,也可与其它促进剂结合应用于连续硫化体系; 4 As a promoter, it should be used together with zinc oxide and stearic acid. It is also used as a secondary accelerator for thiazoles. It can also be used in combination with other accelerators in continuous vulcanization systems.
5	是非硫磺改性的氯丁橡胶(CR)的焦烧延迟剂; 5 Is a scorch retarder of non-sulfur modified neoprene (CR);
6	TMTD-80GE 为预分散母粒,易称量、加工不飞扬,不泄露、味小,有利于员工健康;易分散、无损耗,确保硫化制品性能稳定; 6 It is pre-dispersed masterbatch, easy to weigh, processing is not flying, no leakage, small taste, is conducive to employee health; easy to disperse, no loss, to ensure stable performance of vulcanized products;
7	主要用在轮胎、内胎、鞋材、电线等工业橡胶制品。 7 Mainly used in industrial rubber products such as tires, inner tubes, shoe materials, and wires.

**ΔUsage**

**用法**

**ΔDosage :**

**用量 :**

**ΔPackage :**

**包装 :**

**ΔShelf time**

**储存期限 :**

常与氧化鋅和硬脂酸(可不用)配用。

Often used with zinc oxide and stearic acid (not available).

作促进剂时 0.3-125phr;作第二次促进剂时 01-0.5ph.

0.3-125 phr as a promoter; 01-0.5 ph as a second accelerator.

25Kg/箱

25Kg/box

阴凉干燥条件下存储 12 个月。

12 months in cool and dry place

附注：可根据客户要求做不同含量,不同载体的颗粒或片状产品。如 TMTD-75GE、TT-75 等。

Note: According to customer requirements, different content, different carrier particles or sheet products can be made. Such as TMTD-75GE, TT-75 and so on.