



### DATA-SHEET

SPECIFICATION & DATA SHEET 物质规格数据表		Chemical Analysis: 化学分析	
Product Code: 产品编码	AC0013 2 000 42	Chemical Name: 化学名称	Dipentamethylenethiuram tetrasulfide 四硫化双五甲亚甲基秋兰姆
Trade Name: 商品名称	Accelerator DPTT (TRA) 促进剂 DPTT(TRA)	CAS No.: CAS 编号:	971-15-3
Molecular Formula 分子式	C <sub>12</sub> H <sub>20</sub> N <sub>2</sub> S <sub>8</sub>	Molecular Weight: 分子量	448.77
Synonym 同类名称	TRA; Robac P.25 Sulfads		

Product Information: 产品资料

#### \*\*\*Specification 规格

Appearance (visual inspection): 外观(目测)	Yellow powder 黄色粉末	Loss on drying %≤: 加热减量%≤	0.50
Initial M.P. °C ≥: 初熔点 ≥	110	Oil Content% 油含量%	1.0-2.0
Ash content %≤: 灰份%≤	0.50	Density at 25°C (g/cm <sup>3</sup> ) 25°C下的密度(g/cm <sup>3</sup> )	1.45
Residues(150µm) %≤: 筛余物(150µm) %≤	0.10	Assay content % ≥ 纯度 % ≥	95

#### \*\*\*Typical Properties 主要特性

Yellow powder. No taste, no poison. The specific density is 1.45. Soluble in Chloroform, Benzene, Acetone, CS <sub>2</sub> , partly soluble in gasoline and CCl <sub>4</sub> , insoluble in water and alkali of lower concentration.	黄色粉末。无味道，无毒。相对密度密度为 1.45。可溶于氯仿，苯，丙酮，二硫化碳，微溶于 CCl <sub>4</sub> ，不溶于水，低浓度碱。
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#### \*\*\*Recommended Applications 应用推荐

DPTT is an effective primary or secondary accelerator or sulfur donor for use in IIR, CSM, EPDM, NR, IR, SBR and CR. DPTT improves heat resistance and aging properties of vulcanizates. It is particularly suitable for light-colored stocks. For rich sulfur content of 25%, it could be used as cure agent. In system of SBR and NBR, it would be used as the primary cure agent. No poison and no pollution. Easily dispersed in rubber system.	DPTT 在 IIR, DSM, EPDM, NR, IR, SBR 于 CR 中是一种高效主或助超速促进剂或硫磺给予体。有效含硫量高于 25% 的，能改善硫化胶耐热性能及老化性能，特别使用于浅色制品。其容易分散到干胶中，也易分散到水中，不污染。
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#### \*\*\*Handling and Storage recommendations 推荐操作存储条件

Store in a cool, dry, well-ventilated area, avoiding exposure of the packaged product to direct sunlight. Usually the shelf time is 12 months while the recommend use of date is 6 months.	通常保质期为 12 个月，而推荐使用日期为 6 个月。应储存在阴凉、干燥、通风条件良好的地方，产品包装应避免阳光直射。
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#### \*\*\*Package 包装

Bag: 25kg/bag 包装: 25kg/包	Pallet(1.1*1.1*0.1): 700kg/P 托盘(1.1*1.1*0.1) : 700kg/P
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