



### DATA-SHEET

SPECIFICATION & DATA SHEET 物质规格数据表		Chemical Analysis: 化学分析	
Product Code: 产品编码	MSHQD-AC085-00 PT	Chemical Name: 化学名称	Tellurium diethyldithiocarbamate 二乙基二硫代氨基甲酸碲
Trade Name: 商品名称	Rubber AcceleratorTDEC 硫化促进剂 TDEC	CAS No.: CAS 编号	20941-65-5
Molecular Formula 分子式	C <sub>20</sub> H <sub>40</sub> N <sub>4</sub> S <sub>8</sub> Te	Molecular Weight: 分子量	721

#### Product Information: 产品资料

##### \*\*\*Specification 规格

Appearance (visual inspection): 外观(目测)	Light yellow or yellow powder 浅黄色或黄色粉末	Melting point ,initial °C 初熔点°C ≥	100
Melting point final °C 终熔点°C	110-120	Tellurium content % 碲含量 %	16.5-19.0
Heating loss% 加热减量%≤	0.50	Residue on (150µm) %≤ 筛余物(150µm) %≤	0.10
Residue on( 63µm)% ≤ 筛余物(63µm) %≤	0.50		

##### \*\*\*Typical Properties 主要特性

Light yellow or yellow power. The density(on 20 °C ) is 1.48 g/cm <sup>3</sup> . It is soluble in chloroform, benzene, and carbon disulfide, and slightly soluble in alcohol and gasoline, insoluble in water.	淡黄色或黄色粉末。密度(20°C) 1.48g/cm <sup>3</sup> 。可溶于氯仿、苯和二硫化碳，微溶于乙醇和汽油。不溶于水。
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##### \*\*\*Recommended Applications 应用推荐

<p>TDEC as used as a secondary ultra accelerator for thiazole zland sulfenamide cure systems for general purpose polymers (NR, NBR, SBR and EPDM) .In IIR results in extremely fast curing.</p> <p>TDEC is non-staining and non-discoloring.It can be used as a primary accelerator in some continuous cure applications.</p> <p>Using TDEC in sulfur vulcanization results in increased itensile strength and modulus.</p> <p>It should be noted that in the application of TDEC N-nitrosodiethylamine can be formed by the reaction of diethylamine,a decomposition product, with nitrosating agents (nitrogen oxides)</p>	<p>在通用聚合物(NR、NBR、SBR及EPDM)中，TDEC用作噻唑与次磺酰胺硫化体系统的助超促进剂。IIR中TEDC无污染性并且不褪色。在一些连续硫化速度极快。</p> <p>在硫磺硫化系统中使用TEDC会提高硫化胶的抗拉强度与与模量。</p> <p>应该注意的是：TDEC与二乙胺反应会生成一种分解产物N-亚硝基二乙胺，该产物含亚硝基物质(氮氧化合物)</p>
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##### \*\*\*Handling and Storage recommendations

<p>The product should be stored in the dry and cooling place with good ventilation and should be avoided hot and sunshine.</p> <p>Double stacking of palletized material and exceeding 35°C can result in unusual compaction of product.</p> <p>Usually the shelf time is 12 months while the recommend use of date is 6 months.</p>	<p>TDEC 应贮存在阴凉、干燥、通风良好的地方。托与托之间不能重叠堆放。包装完好的产品应避免日光直射。重叠堆放或温度超过35°C会导致产品分正常压缩。</p> <p>通常情况下保质期为12个月，建议使用6个月内。</p>
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##### \*\*\*Package 包装

Bag: 25kg/bag 包装: 25kg/bag	Pallet(1.1*1.1): 600kg/P 托盘(1.1*1.1) : 600kg/P
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