



DATA-SHEET

SPECIFICATION & DATA SHEET 物质规格数据表		Chemical Analysis: 化学分析	
Product Code: 产品编码	AC0024 2 000 42	Chemical Name: 化学名称	N,N'-Diphenylthiourea N-N'二苯基硫脲
Trade Name: 商品名称	Accelerator DPTU (CA) 促进剂 DPTU(CA)	CAS No.: CAS 编号:	102-08-9
Molecular Formula 分子式	C ₁₃ H ₁₂ N ₂ S	Molecular Weight: 分子量	228.31
Synonym 同类名称	CA; TC; C; Accelerator 15		

Product Information: 产品资料

***Specification 规格

Appearance (visual inspection): 外观(目测)	White powder 白色粉末	Initial M.P. °C Min: 初熔点 °C 最小值	148.0
Loss on drying % ≤ 加热减量 % ≤	0.30	Ash content % ≤ 灰份 % ≤	0.30
Residues (150µm) % ≤ 筛余物(150µm) % ≤	0.10	Oil Content % 油含量 %	1.0-2.0
Assay content % ≥ 纯度 % ≥	95	Comparatively density (g/cm ³): 相对密度(g/cm ³)	1.32

***Typical Properties 主要特性

White powder. The density is 1.32. A little bitter, flammability, almost no poison. Soluble in alcohol, acetone, diethyl ether, cyclohexanone, tetrahydrofuran, partly soluble in all PVC plasticizers, insoluble in water and CS ₂ . Soluble in alkali solutions and precipitation from acid solution.	白色粉末。密度为 1.32。稍有苦味，易燃，几乎无毒性。溶于酒精，丙酮，环己酮，微溶 PVC 用的各种塑剂，不溶于水和二硫化碳。在碱性溶液中溶解，在酸性溶液中析出。
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***Recommended Applications 应用推荐

Medium-speed vulcanization accelerator. Synergises with sulfur donor to boost vulcanization when used in NR, SBR. Need ZnO to be effective. Used as secondary accelerator in CR & EPDM vulcanization system. Used in latex products, cables and general industrial products. Its critical temperature is 80. Also could be used as raw materials for pharmaceutical and dye and the best reagent for Os and Rh.	是中速硫化促进剂，主要用于乳胶产品，电缆和一般化工产品，硫化的临界温度为 80℃，它也是医药，染料的原材料和测试试剂，铈的试剂。
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***Handling and Storage recommendations 推荐操作存储条件

The product should be stored in the dry and cooling place with good ventilation and should be avoiding hot and sunshine. Usually the shelf time is 12 months while the recommend use of date is 6 months.	产品应该存储在干燥、阴凉、通风良好的地方，而且应该避免热和阳光直射。 通常情况下保质期为 12 个月，建议使用 6 个月内。
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***Package 包装

Bag: 25kg/bag 包装: 25kg/包	Pallet(1.1*1.1*0.1): 600kg/P 托盘(1.1*1.1*0.1) : 600kg/P
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