



### DATA-SHEET

SPECIFICATION & DATA SHEET 物质规格数据表		Chemical Analysis: 化学分析	
Product Code: 产品编码	AN0112 2 000 42	Chemical Name: 化学名称	Nickel dibutyldithiocarbamate 二丁基二硫代氨基甲酸镍
Trade Name: 商品名称	Antioxidant NBC 防老剂 NBC	CAS No.: CAS 编号:	13927-77-0
Molecular Formula: 分子式	C <sub>18</sub> H <sub>36</sub> N <sub>2</sub> S <sub>4</sub> Ni	Molecular Weight: 分子量	467
Synonym 同类名称	NDBC		

Product Information: 产品资料

\*\*\*Specification 规格

Appearance (visual inspection): 外观(目测)	Olive green powder 橄榄绿色粉末	Nickel content %: 镍含量%	11.8-13.2
Melting point, initial °C ≥ 熔点 °C ≥	85	Loss on drying % ≤ 加热减量% ≤	0.50
Oil Content % 油含量%	1.0-2.0	Residue in (150µm) sieve % ≤ 筛余物(150µm) % ≤	0.10
Assay content % ≥ 纯度 % ≥	95		

\*\*\*Typical Properties 主要特性

NBC is used as a secondary accelerator in most of the sulfur cured elastomers. It offers an effective antiozonant function in dynamic applications as well as a good antioxidant function in general	NBC 在多数硫磺硫化弹性体中用做助促进剂。在动态应用时提供有效抗臭氧功能。在通常应用中具有良好的抗氧化性能。
--	---

\*\*\*Recommended Applications 应用推荐

NBC is an effective antiozonant in SBR, BR, CR, NBR and IIR compounds for products used in dynamic applications where a wax film might break down and therefore not be efficient. It offers antioxidant in CR, CSM, CO, ECO and EPDM. Furthermore NBC is used for EPDM and CSM vulcanizates requiring high heat resistance, and in colored CR articles where it improved the resistance against sunlight exposure.	在 SBR、BR、CR、NBR 及 IIR 胶料中, NDBC 是一种有效抗臭氧剂, 用这些胶料制成的产品在动态应用时石蜡膜会发生破裂导致无防护作用。NBC 能为 CR、CSM、CO、ECO 以及 EPDM 提供抗氧防护。此外 NDBC 也可用于要求抗热性能高的 EPDM 与 CSM 硫化胶以及着色 CR 制品, 以改善抗日晒能力。
--	---

\*\*\*Handling and Storage recommendations

Store NBC in a cool, dry, well-ventilated area, avoiding exposure of the packaged product to direct sunlight. 12 months with the common storing condition. Recommend use of date is within 6 months.	NBC 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。 保质期: 12 个月, 建议最佳使用期: 6 个月以内。
---	---

\*\*\*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
-----------------------------	---