

**DATA-SHEET**

SPECIFICATION & DATA SHEET 物质规格数据表		Chemical Analysis: 化学分析	
Product Code: 产品编码	AN0124 3 000 42	Chemical Name: 化学名称	N-Isopropyl-N'-phenyl-p-phenylenediamine N-异丙基-N'-苯基对苯二胺
Trade Name: 商品名称	Antioxidant 4010NA(IPPD) 防老剂 4010NA(IPPD)	CAS No.: CAS 编号:	101-72-4
Molecular Formula: 分子式	C <sub>15</sub> H <sub>18</sub> N <sub>2</sub>	Molecular Weight: 分子量	226.31
Synonym 同类名称	4010NA; Santoflex IP; Permanax 115		

## Product Information: 产品资料

**\*\*\*Specification 规格**

Appearance (visual inspection): 外观(目测)	Dark brown to violet pellet granule 深褐色或紫罗兰色颗粒	Assay Content % Min 纯度% 最小值	95.0
Initial M.P. °C Min: 初熔点 °C 最小值	70.0	Loss on drying % ≤: 加热减量% ≤:	0.50
Ash content % ≤: 灰份% ≤:	0.20	Final M.P. °C: 终熔点 °C	75-80
Strength of grain(N) 颗粒强度(N)	8-10	Desity at 20°C(g/cm3) 20°C下的密度(g/cm3)	1.180-1.190

**\*\*\*Typical Properties 主要特性**

Dark brown to violet pellet granule. Relative density 1.140, melting point 70-80.5°C, Soluble in oil, benzene, acetone, CCl <sub>4</sub> , CS <sub>2</sub> and ethanol, difficult soluble in gasoline, insoluble in water. Good Stabilization storage ability, a little venomousness.	深褐色或紫罗兰色颗粒。相对密度 1.140, 熔点 70-80.5°C, 易溶于油, 苯, 丙酮, CCl <sub>4</sub> , CS <sub>2</sub> 和乙醇, 难溶于汽油, 不溶于水。良好的稳定储存能力, 有一点毒性。
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**\*\*\*Recommended Applications 应用推荐**

It is in application of all kinds of rubber, including the use in pneumatic tire components, solid tires, belt, hose, cables, automotive mounts and general mechanical products. It has powerful antiozonant and antioxidant properties with excellent high temperature, fatigue and flex resistance to rubber polymers. And enhance polymer resistance ability. Will discolor compounds and cause severe contact and migration staining.	应用于各种橡胶, 包括用于充气轮胎部件, 实心轮胎, 皮带, 软管, 电缆, 汽车底座和一般机械产品。它具有强大的抗臭氧和抗氧化性能, 具有优异的耐高温, 耐疲劳和耐弯曲性。到橡胶聚合物中, 并增强聚合物的抵抗能力。会使褪色复合物造成严重的接触和迁移染色。
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**\*\*\*Handling and Storage recommendations 推荐操作储存条件**

Store IPPD in a cool, dry, well-ventilated area, avoiding exposure of the packaged product to direct sunlight. Usually it can be store on 12 month with the common storing condition. Recommend use of date is within 6 months.	存储在阴凉, 干燥, 通风良好的地方, 避免阳光直射产品。通常能在一般条件下存储 12 个月, 建议最佳使用期: 6 个月以内
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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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