

橡胶防老剂

RUBBER ANTIOXIDANT

RTENZA 4010NA (IPPD)

化学名称

N-异丙基-N'-苯基对苯二胺

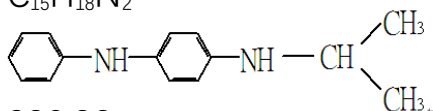
Chemical Name

N-isopropyl-N'-phenyl-p-phenylenediamine

分子式/Molecular Formula

 $C_{15}H_{18}N_2$

结构式/Molecular Structure



分子量/Molecular Weight

226.32

CAS 编号/CAS No.

101-72-4

技术指标/Specification

项目/Item	指标/Specification
外观(目测)/Appearance	灰紫色至紫褐色颗粒/Dark brown to dark violet Granular
熔点/Melting Point, °C ≥	70.0
加热减量/Loss on Drying, % ≤	0.50
灰分/Ash, % ≤	0.30
含量/Assay(GC), % ≥	92.0

性状

灰紫色至紫褐色颗粒，相对密度 1.14，溶于油类、苯、丙酮、四氯化碳、二硫化碳和乙醇，难溶于汽油，不溶于水。具挠性有强效防热屈挠及抗氧化性，因而赋予橡胶胶料极好的抗高温疲劳与抗屈性能。

Properties

Dark brown to purple brown granules. Density is 1.14, soluble in oils, benzene, ethyl acetate, carbon disulfide and ethanol, hardly soluble in gasoline, not water soluble. Provides powerful antioxidant properties with excellent high temperature and flexing resistance to rubber compounds.

用途

应用范围包括充气轮胎部件、天然橡胶的抗氧化剂和许多合成橡胶，特别是热量恶化在 NBR 的预防。提高产品的抗热氧化性。极好的抗高温疲劳与抗屈性能。

Application

Application range include the use in pneumatic tire components, an antioxidant for natural rubber and many kinds of synthetic rubber, especially for the prevention of thermal deterioration on NBR. Excellent high temperature and flexing resistance.

包装

25kg 牛皮纸袋。

Package

25kg kraft paper bag.

贮存

应储存在阴凉干燥、通风良好的地方。包装好的产品应避免阳光直射，有效期 2 年。

Storage

The product should be stored in the dry and cooling place with good ventilation, avoiding exposure of the packaged product to direct sunlight. The validity is 2 years.