

橡胶防老剂
RUBBER ANTIOXIDANT
RTENZA 4020 (6PPD)

化学名称

N-(1,3-二甲基丁基)-N'-苯基-对苯二胺

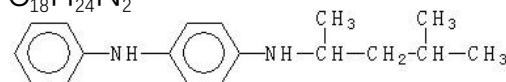
Chemical Name

N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine

分子式/Molecular Formula

 $C_{18}H_{24}N_2$

结构式/Molecular Structure



分子量/Molecular Weight

268.40

CAS 编号/ CAS No.

793-24-8

技术指标/Specification

项目/Item	指标/Specification
外观(目测)/Appearance	紫褐色至黑褐色颗粒/Grayish brown to brown Granular
凝固点/Crystallizing Point, °C ≥	45.5
加热减量/Loss on Drying, % ≤	0.50
灰分/Ash, % ≤	0.10
纯度/Assay, % ≥	97.0

性状

灰紫色至紫褐色颗粒状固体，相对密度 0.986-1.00。溶于苯、丙酮、乙酸乙酯、二氯乙烷和甲苯，微溶于醚，不溶于水。具挠性有强效抗臭氧及氧化性，因而赋予橡胶胶料极好的抗高温疲劳与抗屈性能。

Properties

Gray purple to puce granular, relative density is 0.986-1.00. Soluble in benzene, acetone, ethyl acetate, toluene dichloroethane and slightly soluble in ether, do not dissolve in water. Provides powerful and 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、实心轮胎、输送带、胶管、电缆、汽车缓冲支架、橡胶活节及通用橡胶工业制品，这些产品都处于持续或间歇性的动态工作状态，需要对臭氧防护。

Application

Application range include the use in pneumatic tire components, solid tires, conveyor, hoses, cables, bushings, automotive mounts and general rubber products that are exposed to continuous and intermittent dynamic operating conditions and require protect ozone .

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.