

Technical Data Sheet



荣欣鑫橡胶助剂

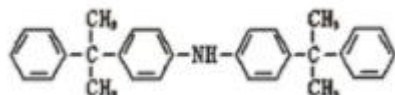
RONGXIN XIN RUBBER ADDITIVES

KY-405

Chemical Name: Antioxidant KY-405;4,4'-bis(phenylisopropyl)diphenylamine

Molecular Formula: C₃₀H₃₁N

Molecular Structure:



Molecular Weight: 405

CAS NO.10081-67-1

Specifications:

Item	Powder
Appearance	White crystal powder or granule
Initial Melting Point	≥95℃
Loss on Drying	≤0.3%
Ash	≤0.3%

Properties: KY - 405 is white crystal powder or granule, soluble in acetone, ethyl acetate, toluene, slightly soluble in gasoline, alcohol, methanol, insoluble in water, melting point is greater than 95 °C.

Applications: Antioxidant KY - 405 is a tasteless, non-toxic, light color antioxidants. Antioxidant effect analogous to Uniroya (USA) Naugard445 and Irganox 1010 (Japan). The goods are widely used in all kinds of elastomers, such as polyethylene, polypropylene and PVC plastic color masterbatch. Can be used as a polyurethane foam plastic and rubber wire, cable, food packaging materials, adhesive antioxidants. Especially in neoprene color cable sheath, it heat resistance, light resistance, anti-aging performance significantly. In the polyether and its foam as light aging resistant agent. Also used for lubricating oil antioxidants. Especially suitable for the protection of neoprene, acrylate rubber, polyether polyol of aging caused by heat, light, etc. Also has good synergistic effect with sulfur antioxidant. The goods in general rubber consumption for 1-3 copies, easy disperse in rubber, and does not affect the vulcanization characteristics of rubber. Because the goods has the characteristics of high molecular weight and low volatile, make its antioxidant persistence is obviously better than the SP, 1010, 264, such as phenolic antioxidant, is an ideal substitute for phenolic antioxidants.

Package: Kraft paper bags or paper barrel. 25 kg/bag (barrel).

Storage: Should be stored in the dry and cooling place with good ventilation, avoiding exposure of the packaged product to direct sunlight.

Technical Data Sheet (TDS) Version 2.0

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