

PRODUCT DATA SHEET

Accinox B : General Purpose heat resistant antioxidant

Composition : A condensation product of Acetone and Diphenylamine

Physical Properties

Appearance : Dark brown to black rods / powder.

Sp Gr. at 25°C : 1.14 (Typical)

Typical Analysis

Parameter	Limits	Test method
Softening Point	(°C) 95±10	ASTM E 28
Ash Content	(%) 0.5 (max)	D 4574
Heat Loss @ 70°C	(%) 0.5 (max)	D 4571
Fineness on 100 mesh, Ret (for powder only)	(%) 0.5 (max)	D 4572

Solubility

Insoluble in water. Slightly soluble in petroleum ether and in alcohol, soluble in acetone.

Notes on Uses

Accinox B is an excellent general purpose staining antioxidant. It confers very good heat resistance and good flex cracking resistance. It disperses readily in rubber and does not bloom. It is used in automotive tubes, curing bags and in mechanical rubber goods. Accinox B is suitable for use in latex compounds. Typical dosage varies from 0.25 – 2.0 phr although in exceptional circumstances up to 3.0 phr may be used to confer high heat resistance without bloom. It also possesses metal inhibition properties to some extent and recommended for cable insulations, rubber to brass bonding, hoses and latex foam, gloves & coir mattress compounds.

Storage and Handling

Stable indefinitely under normal storage conditions.

No special precautions are necessary. Normal precautions to avoid contact with skin and eyes should be followed. Skin contamination: Wash liberally with soap and water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

Packaging

25 Kg. in HDPE lined Paper Bags/cartons.

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