

PRODUCT DATA SHEET

Accinox BLN : Heat resistant and anti-flex cracking antioxidant
Composition : A condensation product of Acetone and Diphenylamine

Physical Properties

Appearance : A dark brown viscous liquid.

Sp Gr at 25°C : 1.09 – 1.11
(ASTM D1298)

Typical Analysis

Parameter	Limits	ASTM Test method
Saybolt Viscosity SFS @ 54.5°C	65 - 90	D 88
Volatile Matter, 2hrs @ 70°C (%)	1.0 (max)	D 4571
Ash (%)	0.5 (max)	D 4574

Solubility

Insoluble in water, slightly soluble in petroleum ether, soluble in acetone and chloroform.

Notes on Uses

Accinox BLN provides a combination of excellent resistance to flex cracking and heat ageing. It is specially suited for tires, belting, hoses and a wide range of mechanical rubber goods. It is a staining antioxidant and may stain by migration. Typical dosage varies from 1.0 – 3.0 phr without any blooming. In tread rubber compounds which are required to store at room temperature for prolonged periods, BLN plays an important role in suppressing sulphur blooming in these compounds. Being readily dispersible, it is usually better to use BL/BLN in soft rubber compounds like cushion gum etc. It could be used as a stabilizer for production of oil extended SBR.

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

210 Kg. in MS drums.

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