

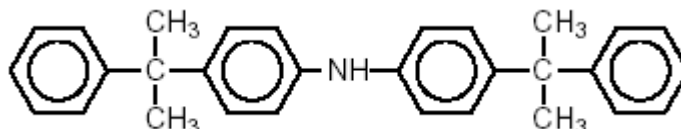
SUNSHIELD CHEMICALS LTD

(An ISO 9001:2008 Company)

PRODUCT DATA SHEET

Product: SUNOX 445

(ANTIOXIDANT)



Chemical Composition : 4, 4'- Bis (alpha alpha-dimethylbenzyl) diphenylamine

CAS No. : 10081-67-1

TYPICAL PROPERTIES

Test	Specifications
Appearance	White to off white powder
Melting Point, °C,	98 – 102
Heat Loss (2 hrs @ 70°C)	0.5 Max.
Ash, %	0.5 Max.

Solubility : Insoluble in water.
Soluble in:
Benzene ; Toluene; Acetone; Hexane; methanol; Heptane; Cyclohexane

Storage Stability : The product is considered good for intended applications within 1 years from the date of manufacture when stored in original packaging under dry and cool conditions away from direct sources of heat or sunlight.

Handling Precautions : Avoid all personal contact. Observe good personal hygiene.

Features : It is an ideal antioxidant & heat stabilizer for rubber and plastics due to its good colour & low volatility. It is effective in EPDM, Neoprene, nitrile, hydrogenated nitrile & ethylene-acrylic rubber.

Discoloration : Very slightly staining and discoloring in sunlight. Relatively nondiscoloring during heat aging.

Recommended Uses : Especially effective in polyisoprene, Neoprene, nitrile (Paracril), HNBR and acrylic rubbers.