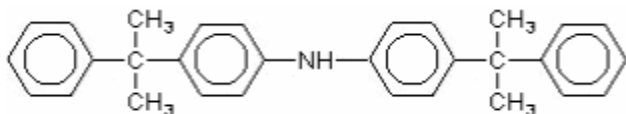


NAUGARD 445

- o CAS# 10081-67-1 (100%)
- o Chemical Nomenclature: 4, 4'-Bis(alpha, alpha-dimethylbenzyl)diphenylamine
- o Melting Point Range: 98 - 102°C
- o Chemical Structure:



PARAMETERS

FORM:

SPECIFIC GRAVITY: 1.14

MELTING RANGE: 98-102 °C (208-215 °F)

SOLUBILITY:

STORAGE

STABILITY:

HANDLING

PRECAUTIONS

FEATURES:

STANDARDS

White to off white powder.

Insoluble in water. Soluble (gms/100 ml solvent) in: benzene (35.2), toluene (32.8), acetone (40.8), hexane (0.68), cyclohexane (3.5), heptane (0.74) and methanol (0.66)

In excess of two (2) years when stored under normal conditions in a cool, dry place away from any direct sources of heat and light.

Avoid all personal contact. Observe good personal hygiene.

For BR, CR, nitrile (Paracril®) rubbers, EPDM (Royalene®), and SBR. The combination of high amine antioxidant activity, good color and low volatility makes it an ideal antioxidant and heat stabilizer for rubber and plastics.

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.

FDA STATUS:

175.105 – Adhesives – *No Limitations*

175.300 – Resinous & Polymer Coatings – Limited to sideseam cement.

Oficina

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