



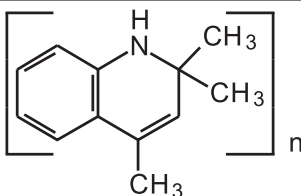
NOCIL LIMITED

PILNOX® TDQ

ANTIOXIDANT

Chemical Name 2, 2, 4-trimethyl-1, 2-dihydroquinoline (oligomers) (TMQ)

Chemical Structure



CAS Reg. No. 26780-96-1

Mol. Wt. (ca) 500

Product Specification

<i>Parameter</i>	<i>Limits</i>	<i>Test Method</i>
Product form	Pastilles	-
Colour	Light Brown	-
Softening Point (B & R), °C	88-95	ASTM E-28
Heat Loss, % (max)	0.30	D 4571
Ash Content, % (max)	0.30	D 4574
Bis Aniline, % (max)	0.4	01-3-327

Typical Data

Specific gravity at 25°C	1.1	D 1817
Bulk density, kg/m ³	630 - 670	NOCIL G-44
Alkalinity Index	495- 570	NOCIL 01-3-26
Ethanol Insoluble's, % (max)	0.05	NOCIL 01-3-28

Product Information

Solubility	Soluble in acetone and alcohol; Insoluble in water.
Classification	Antioxidant
Discoloration & Staining	Moderately staining & discoloring.
FDA Approval Status	Prohibited for use in articles in contact with food under FDA 21 CFR 189.200, and regulated as specified under BgW XXI, Category 4.
Toxicity Data (Please refer to the latest Toxicological information.)	Slightly harmful by mouth. (Oral LD ₅₀ rat 2250 mg/kg). Degree of toxicity may differ according to molecular weight. Not a skin irritant or sensitizer but a slight eye irritant.
Handling & Personal Protection	Ensure good ventilation and avoid creating dusty atmosphere. In case of eye or skin contacts wash out with clean water for 5 to 10 minutes.
Storage	Always store in a cool & dry place in single stack pallets away from direct sun light or any other heat source to avoid compaction.

Packaging

Paper Bag	20 kg
FIBC	500 kg / 600 kg
Storage Life	12 months when stored as stated above.
Colour code	Black strip.