



NAUGARD™ Q stabilizer

Antioxidant Amine

Description

NAUGARD™ Q stabilizer is an effective processing and long-term heat stabilizer for a variety of application areas in LDPE, LLDPE, HDPE and ethylene-propylene copolymers. It is particularly efficient in carbon black-filled polymer systems such as wire and cable and geomembranes.

Chemical Name

Polymerized 1,2-dihydro-2,2,4-trimethlyquinoline

CAS Number

26780-96-1

Formula

NAUGARD™ Q stabilizer

Typical physical properties of NAUGARD™ Q stabilizer

Appearance	Amber powder or drop	
Formula/Molecular Weight (g/mol)	874	
Specific Gravity @ 25 deg C	1.06	
Melting Range [°C]	80-100	-10-00

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Applications

Used in natural rubber, synthetic polyisoprene, SBR, BR, NBR and EPDM; in applications such as tire carcasses, retreads, apex, belts, hose, seals, mechanical goods, footwear and wire.

Features

- Gives good protection against degradation due to heat and oxygen
- Can be used with peroxide curing systems
- In Neoprene, tends to decrease processing safety and activates cures

Storage

Store the product in a cool, dry, well-ventilated area away from any direct sources of heat and light. Proper storage will permit usage of the product for up to 3 years.

For additional handling and toxicological information consult the SI Group Material Safety Data Sheet.