

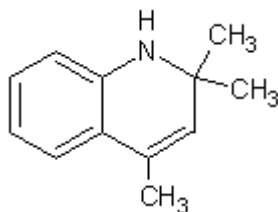


ISO 9001:2008 REGISTERED

TMQ

Chemical Name: 2,2,4 Trimethyl-1,2-dihydroquinoline-polymerized

Structure



Molecular Weight: ~500
Class: Antioxidant – Quinoline
CAS#: 26780-96-1

TMQ is a general purpose high activity antioxidant radical scavenger used in a variety of elastomers. TMQ protects well against oxidative and thermal aging. TMQ as a result of high molecular weight, is non-blooming, but exhibits minor discoloration when used in light colored compounds. TMQ is an excellent antioxidant to be used in peroxide cured compounds; i.e. EPDM.

TMQ is typically used with unsaturated elastomers, but also used with saturated elastomers when peroxide curing. Elastomers include: NR, IR, SBR, NBR, and EPDM.

TMQ has typical properties of: Specific Gravity @ 1.06; Melt Point @ 90°C, and is available in flake or pastille form.

12/19/14

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