



濮阳市蔚林化工有限公司
PUYANG WILLING CHEMICALS CO., LTD.

WILLING CHEM

防老剂 / Antidegradants

Rubber antioxidant **WILLING TMQ**

Chemical Name 2,2,4-trimethyl-1,2-dihydroquinoline content

Molecular Formula $(C_{12}H_{15}N)_n$, $n=2\sim 4$

Structural Formula $(C_{12}H_{15}N)_n$

Molecular Weight $n173$, $n=2\sim 4$

CAS NO. 26780-96-1

Specification

Items	Top Grade	First Grade
Appearance (Visual Inspection)	Amber to Brown flake	
Softening point $^{\circ}C$, \geq	80-100	80-100
Loss on heating%, \leq	0.3	0.5
Ash%, \leq	0.3	0.5

Properties Amber to brown flake or powder. Density is 1.05 g/cm³. Soluble in benzene, chloroform, carbon disulfide and acetone, insoluble in water, but little soluble in petroleum hydrocarbon. No poison.

Applications The product is mainly Used for natural rubber, butadiene nitrile and chloroprene rubber etc. Used in tyres, rubber tube, rubber shoes, general industrial rubber products and emulsion products.

Package 25kg plastic woven bag, paper with plastic film bag, 25kg UN drum.

Storage The product should be stored in the dry and cooling place with good ventilation. The product should be avoided hot sunshine.

Notes The product could be oiled and pelleted upon customer request.