

# MATOFLEX TMQ

## PELLETS or POWDER

### PRODUCT INFORMATION

Active ingredient: Polymerised 2,2,4-Trimethyl-1,2-dihydroquinoline (TMQ)

CAS Nr.: 26780-96-1

Color: Amber to brown solid

Supply forms: Pellets or powder



TMQs function as primary antioxidant and are recognized powerful class of chemical antioxidants, used to protect rubber articles from degradation by atmospheric oxygen at higher temperatures.

### PACKAGE

Pellets: in 20 kg paperbags - 50 bags/palette (1000 kg) - shrinkfoiled  
in 1000 kg FIBC (big-bag)  
or at buyer's request

Powder: in 15 kg paperbags - 50 bags/palette (750 kg) - shrinkfoiled  
or at buyer's request

### APPLICATION

Slightly staining non-blooming antioxidant in the production of nearly all rubber compounds. It has a good protective effect for heat, oxygen and fatigue aging, and stronger inhibitory effect for metal catalytic oxidation.

It is widely used in the manufacture of tyres, motorcycles births, bicycles births, rubber tubes, adhesive tape, rubber overshoes, electrical wires, cables and some other rubber products.

It also can be used in latex products.

## STORAGE LIFE, CONDITIONS

Store in a tightly closed packaging, in dry, well-ventilated area, avoiding direct sunlight, moisture, fires and temperature exceeding for a long time 30 °C.

Pellets: Storage life - 2 years from the date of production, when stored under normal conditions.

Powder: Storage life - 1 years from the date of production, when stored under normal conditions.

## SPECIFICATION

### PELLETS \*\*\* PELLETS \*\*\* PELLETS

Parameter	unit	Minimum	Maximum	Method
Appearance	-	amber to brownish pellets		Visual MM.02.001
Softening points	°C	85	100	DIN/ISO 4625
Heat loss (2g/4h/70°C)	%	-	0.4	ASTM D 4571
Ash content	%	-	0.2	ASTM D 4574

### POWDER \*\*\* POWDER \*\*\* POWDER

Parameter	unit	Minimum	Maximum	Method
Appearance	-	yellowish powder		Visual MM.02.001
Softening points	°C	95	106	DIN/ISO 4625
Heat loss (2g/2h/105°C)	%	-	0.5	ASTM D 4571
Ash content	%	-	0.5	ASTM D 4574

If you need more or other parameter to be specified please contact us.

## HANDLING PRECAUTIONS

For detailed information on toxicological properties and handling precautions, please refer to the current Material Safety Data Sheet.

*The information contained in TDS is believed to be reliable. Because of the variations in methods, conditions and equipments used processing the above material, no warranties or guarantees are given to the suitability of the products for the applications. Full-scale testing and end product performance are the responsibility of the user.*