ESTABLISHED Budapest 1949
MATERIAL
VEGYIPARI SZÖVETKEZET

TECHNICAL DATA SHEET

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.

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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 pallets		Visual MM.02.001
Softening points	°C	85	100	DIN/ISO 4625
Heat loss (2g/2h/105°C)	%	-	0.3	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.

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