

Description

Antidegradant for rubber compounds.

Uses

Rubatan 184 is a radical scavenger in a wide range of elastomers to protect against aging. It is recommended for protection of Natural rubber vulcanizates and Synthetic rubbers (SBR, BR, IR, CR, NBR) and for lattices, cross-linked Polyethylenes, cross-linked Ethylene-Propylene copolymers and peroxide cross-linkable copolymers.

Rubatan 184 inhibits oxidation catalized by heavy metals (copper and manganese). Its protection against oxidation is particularly effective to provide long term heat and ambient aging resistance to rubber compounds.

Rubatan 184 can be used as primary antioxidant in rubber and has also a medium intensity antiozonant effect. It is strongly recommended to protect rubber goods that must work at high temperatures and tires in particular.

Packing

Rubatan 184 is presented in 25 kg plastic or paper bags and in big-bags.

Storage

Very good stability if stored in cool and dry conditions.

Product

Active ingredient	Polymerised 2,2,4-Trimethyl-1,2-dihydroquinoline (TMQ)
CAS Nr.	26780-96-1
Color	Amber to brown solid
Physical form	Available as pastilles or flakes
Toxicity	No toxic in normal conditions of use
Recommended Shelf life	3 years from production date

Specifications

Property	Specification/limit	Test method
Softening point	80 – 100 °C	ASTMD 3461
Ash	0.5 % max.	ASTMD 4574
Heat loss	0.5 % max.	PAPA(A) 43 (*)

(*) Analytical methods available upon request

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