

ADNOL™ TSPC 20

Antioxidans für Polyamide

Product description and application:

ADNOL™ TSPC 20 is a general purpose stabilizer for all polyamides, which require protection against embrittlement by oxidative degradation at continuous high operating temperatures of 150-180 °C. It consists of a synergistic chemical mixture of copper and halogen compounds, which are incorporated into a wax matrix. Hereby, the insoluble components are finely dispersed, which ensures an even, homogeneous distribution in the polyamide compound (masterbatch effect). Since the "encapsulation" only works at temperatures <100 °C, the active ingredients are released as desired when they are blended into the polyamide melt. Due to the very low water-soluble content, its use for electrical components made of PA is particularly recommended. Another advantage is the simple and dust-free dosage of the product.

Dosage and application:

The recommended **quantity addition** depends on the polyamide and requirements of the finished part. Best results are achieved with a dosage of 0,15 – 0,3 % **ADNOL™ TSPC 20**, corresponding to 75 – 150 ppm copper (additional recommendations after consultation).

The addition is best carried out by continuous dosing during compounding.

Properties:

- Change of state: no decomposition products during addition, low odor, easily dispersible
- Labeling: the relevant safety precautions must be observed when handling chemicals (see safety data sheet)
- Packing: cartons with PE bags of 25 kg net

The above information and technical application advice in word, writing and through tests is given to the best of our knowledge. However, they only apply as non-binding information, also regarding any third-party property rights. The advice does not release you from verifying our current advice - in particular our safety data sheets and technical information - with regard to the suitability of our ADNOL™ for the intended processing and purposes.

Application, use and processing of our ADNOL™, as well as the products manufactured by you on the basis of our technical advice, are beyond our control and are therefore exclusively within your responsibility. Our ADNOL™ is sold in accordance with our current general terms and conditions of sale and delivery.