

# ADNOL™ TSPC 55

Antioxidant for Polyamides

## Product description and application:

**ADNOL™ TSPC 70** 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 and dispersing agents. The product is available in powder form.

## 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 55** or 0.5-1.0% **ADNOL™ TSPC 55 MB** corresponding to 75-150 ppm copper (additional recommendations after consultation).

The **addition** is best carried out with continuous dosing during compounding. For easier handling, as well as for improving the accuracy of dosing and the dispersion, we recommend using this stabilizer in the compacted form or in the form of masterbatches, such as **ADNOL™ TSPC 55 MB**.

## Properties:

- Change of state: no decomposition products during application, 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 (bulk weight approx. 2,000 g/l)

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.