

## TECHNICAL DATA SHEET

# MAXITHEN<sup>®</sup> PA918817 Grey

Preparation of colourants for colouring of polyamide

|                     |                                                                                                                                                                                                                                                                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DOSAGE:             | 2% recommended value                                                                                                                                                                                                                                                                                                                                           |
| HEAT STABILITY:     | up to 300°C, determined on an injection moulding machine (residence time 5 minutes)                                                                                                                                                                                                                                                                            |
| LIGHT FASTNESS:     | 8, determined according to DIN EN ISO 877.<br>This assessment was undertaken in accordance with the blue wool scale (EN ISO 105-B01). Rating 8 = best value, rating 1 = worst value.                                                                                                                                                                           |
| FORM OF SUPPLY:     | Masterbatch in pellet form, packed in UV stabilised 20/25 kg PE bags, on pallets, covered with a UV stabilised hood and/or overpack cardboard box.<br>For colouring and stabilising the packaging material, a combined MAXITHEN <sup>®</sup> colour/UV/AO stabiliser masterbatch has been used to protect both, the packaging material as well as the content. |
| STORAGE CONDITIONS: | Storage time 36 months maximum. The product should be stored in a cool, dry location and be protected from sunlight and moisture. Once opened, bags should be kept tightly closed in order to prevent the absorption of moisture from the air.                                                                                                                 |
| DRYING:             | Hygroscopic materials should be carefully pre dried in accordance with the raw material supplier's recommendations, for example 80-110°C/4 hours                                                                                                                                                                                                               |

All information in this data sheet has been obtained from laboratory tests under ideal and closely controlled conditions. The information should act as a guide only and should not be construed as guaranteeing specific properties or suitability for a particular application. Therefore, trials by the customer using their polymer and their conditions are highly recommended.