

## TECHNICAL DATA SHEET

# MAXITHEN<sup>®</sup> PBT5AB1737 Blue

Preparation of Colorants dispersed in polybutylene terephthalate

DOSAGE:	3% recommended value
HEAT STABILITY:	up to 280°C, determined on an injection moulding machine ( residence time 5 minutes)
LIGHT FASTNESS:	7-8, determined according to DIN EN ISO 877. This assessment was undertaken in accordance with the blue wool scale (EN ISO 105-B01). Rating 8= best value, rating 1= worst value.
HUMIDITY:	surface humidity up to max. 0,50%
PROCESSING:	MAXITHEN <sup>®</sup> PBT batches at their standard quality are to feed directly to the manufacturing process by dosage systems.
DRYING:	If necessary, we recommend drying of MAXITHEN <sup>®</sup> PBT standard products with an air dryer at least 4h, up to max. 130°C.
NOTE:	PBT Masterbatch can be used for PET Polymer (not for applications with carbonated drinks): The predrying of the PET polymer should be handled according to the instructions supplied from the polymer manufacturer.
FORM OF SUPPLY:	Masterbatch in pellet form, packed in UV stabilised 20/25 kg PE bags, on pallets, covered with a UV stabilised hood (standard packaging). 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:	We recommend dry storage at temperatures not exceeding 50°C, durability under beneficial conditions at least one year but suggest not to store for more than 36 months. Our products should be protected against direct sunlight.

All information in this MAXITHEN<sup>®</sup> 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.