

DANCOLOR® TPU-922527

DESCRIPTION

DANCOLOR® TPU 922527 is a colour masterbatch based on TPU, which is delivered in black coloured granules. This colour masterbatch concentrate is mainly used for the colouration of thermoplastic polyurethane (based on polyester or polyether) for the processing by extrusion, injection moulding and calender.

PRODUCT CHARACTERISTIC

	Values	Test method
Density	1,98 g/cm ³	ASTM D-1875-96 B
Colour index no.	IC 2001/Black/Soul	
Carbon pigments in %	20 %	
Light fastness	8 (1-8) blue scale	DIN 53 389

These are values which are not relevant for a specification

PROCESSING

For an intensive and even colouring an exact dose and a good distribution of the TPU is necessary. To reach optimum results we recommend a pre-drying of the product (alone or together with the TPU) in a hot air, vacuum or hot air circulation tumble dryer for 1 to 2 hours at 90–100 °C. The processing temperature during the production should not exceed 190 °C.

APPLICATION

DANCOLOR® TPU 922527 can be mixed with all products of the PEARLTHANE® or PEARLCOAT® range (based on polyester or polyether) which will be applied by the extrusion, injection moulding and calender processing. We recommend an addition of 1,5 % to 3 % (calculated by the weight of the TPU). Even a higher dosage can be made if the final product is requiring this.

PRODUCT SAFETY

DANCOLOR® TPU 922527 is in its chemical structure according to the recommendation of the BGA (Bundesgesundheitsamt) and FDA (FOOD and DRUG-ADMINISTRATION, the EG regulations 90/128/CEE and 96/11/CE, for the application and production of food packaging and utilities. The rules and recommendations must be kept.

PACKAGING

25 kg special bags with coated aluminium foils packed on 750 kg pallets. The delivery with marked PE-shrinking foil is according to the German transportation regulations.

STORAGE

DANCOLOR® TPU-922527 should be stored cool and dry (15 – 25 °C), in tightly closed containers. In its original packaging the storage time of the product is at least 6 months.



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