

## DANADD® MB-5 I LB

### DESCRIPTION

DANADD® MB-51LB is a slip masterbatch based on TPU. This additive masterbatch is supplied in a homogeneous and regular pellet form of a light grey color. DANADD® MB-51LB can be processed by extrusion and injection moulding. DANADD® MB-51LB is added to the TPU pellets to obtain an anti-blocking effect and a better wax like surface of the extrudates or injection moulding materials with good slip characteristics.

### PRODUCT CHARACTERISTIC

	Values	Method
Aspect	regular, homogeneous and lightly grey pearl pellets	
Active content	41 ± 4 %	MQSA no.: 39a
Specific weight	0,70 g / cm <sup>3</sup> at 20 °C	DIN 53.479

### APPLICATION

DANADD® MB-51LB is added to the corresponding PEARLTHANE® TPUs prior to their procession. Thanks to the universal binder contained in this additive masterbatch, this product can be used both with polyether- and polyester based TPUs. By the addition of DANADD® MB-51LB, excellent extrusion characteristics will be achieved and, first of all, the surface tack will be smaller and the anti-blocking effect will be improved. If films are produced, the addition of DANADD® MB-51LB will enable an earlier winding up of these films without any bonding. In case of injection moulding applications, this additive will improve the demoulding. All materials produced containing this additive masterbatch are distinguished by surfaces with good slip properties.

### PROCESSING

DANADD® MB-51LB can easily be mixed in the TPUs to be processed. We recommend to add quantities of 1 - 5 %, calculated on the individual TPU types. If larger quantities are applied, we recommend to make preliminary tests. Furthermore, we recommend a mixing by tumble mixer or any other mixing unit in order to obtain a homogeneous distribution with the TPU-pellets.

### COMPATIBILITY

DANADD® MB-51LB has got a good compatibility with any other DANADD® MB-additive and color masterbatch. If the quantities to be used exceed our recommendations, we advise to make preliminary tests.

### STORAGE

In case of an adequate storage in a dry and cool place and in its original packing, this additive masterbatch can be stored for a period of 6 months at least. The product must be protected from moisture.

### PRODUCT SAFETY

Under normal hygienic procession conditions, DANADD® MB-51LB is harmless to a large extent. Please observe that TPU pellets may cause electrostatic sparks. If larger quantities are processed in the melt, a good extraction of the melt vapours has to be guaranteed.

\* For further details we refer to our safety data sheet.



## PACKAGING

25 kg bags on pallets of 750 kg. The shipment on 750 kg pallets with a marked PE shrink wrapping foil meets the requirements of the German transport packaging regulations.



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