

DANADD[®] 100

DESCRIPTION

DANADD[®] 100 is a new, very effective anti-blocking- and demoulding additive batch based on nano-special wax. DANADD[®]100 will be added to the thermoplastic polyurethanes of the PEARLTHANE range if there are demoulding problems and a much to strong stickiness. The addition quantity is very little and will be normally around 0,3 % to 1,5 %. Often it will be sufficient to add this batch to the TPU's only by the start of production and when changing the mould. In many cases only after the wetting of the tools a very good demoulding is reached.

PRODUCT CHARACTERISTIC

	Values	Method
Aspect	grey to brownish, adhere granules	
Active content	80 ± 4 %	MQSA-Nr.: 39a
Dosage	0,3 bis 1,5 %	

APPLICATION

DANADD[®] 100 is added to the divers PEARLTHANE[®] TPU's (based on polyether, polyester and polycaprolactone polyester) by injection moulding processing. With the addition of DANADD[®] 100 the stickiness on the surface will be reduced and a very good demoulding behaviour is reached. DANADD[®] 100 is chemically structured to avoid any disadvantage by the injection moulded parts or parts processed by extrusion, like it is the case with commonly used release agents. The processed parts can be very good lacquered, adhered etc. If the before mentioned addition of DANADD[®] 100 is made it won't come to any migration by the processed parts. Further, there won't be any disadvantages taken the colouration or any optical aspect if DANADD[®] 100 is added in the recommended quantity.

PROCESSING

The additive masterbatch DANADD[®] 100 is best added to the PEARLTHANE[®] TPU's by using a masterbatch dosage system. A homogeneous mixture with the TPU-granules should be prepared. DANADD[®] 100 can be mixed with colour additive masterbatches. If good results will be reached with DANADD[®] 100 there is further the possibility to build DANADD[®] 100 directly into the colour master batches.

COMPATIBILITY

DANADD[®] 100 is good compatible with all other PEARLTHANE[®] MB-additive and color masterbatches. If additions will be made which range outside our recommendation, we strongly recommend to make trials in advance.

STORAGE

If stored properly in a dry and cool place and in the original package the storage time of this additive batch will be at least 6 months. The product must be protected from any kind of humidity.

PRODUCT SAFETY

DANADD[®] 100 is under normal working place relevant processing conditions a by far non-hazardous material. Please observe that TPU-granules may cause an electrostatic spark. By the processing of bigger quantities in the melt a good exhaust system should be provided to suck away the occurring vapours.

* For more details we refer to our safety data sheet.



PACKAGING

25 kg PE-ALU – multi layer bags with humidity protection, packed on pallets with each 750 kg.



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