

Durethan® DP CPA 31 FBA

Slip agent master batch

1 General

Durethan DP CPA 31 FBA is a slip agent master batch based on a co-polyamide with a melting temperature of approx. 210 °C.

Durethan DP CPA 31 FBA is suitable for use as slip master batch with Polyamide 6 as well as with co-polyamides with a lower melting temperature.

According to our experience the use of 1 to 2 % of Durethan DP CPA 31 FBA is sufficient in order to improve the slip behavior of polyamide films or filaments significantly. Furthermore the slip agent increases the flexibility and the suppleness of the film or filament.

2 Drying

Durethan DP CPA 31 FBA will be delivered in 25 kg bags. The material is supplied pre-dried and ready to process. The packaging is moisture-tight and guaran-

tees a storage stability of up to 12 months, providing that the containers are undamaged and unopened. In this case drying prior to processing is not necessary.

Containers should be stored in a dry, frost-free place. Pellets stored at low temperatures, in unheated storage rooms, for example, should be pre-warmed to room temperature to prevent problems during processing caused by the condensation of moisture on the pellets.

3 Food contact

Durethan DP CPA 31 FBA is in chemical compliance with the FDA-Regulation 21 CFR § 177.1500 "Nylon resins". Further information on this can be found at www.us.durethan.com.

We recommend following our dosing recommendation, because otherwise the optimum quantity of additives might be exceeded.

4 Guide data Durethan DP CPA 31 FBA

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Thermal properties	Test conditions	Units	Standards	
Melting temperature	10 K/min	°C	ISO 1346 C	~ 210
Other properties				
Density		kg/m ³	ISO 1183	1140
Bulk density		kg/m ³	ISO 60	~ 700
Viscosity number		cm ³ /g	ISO 1628-1	153

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The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee, and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.

Developmental Product

Any product designated as a developmental product is not considered part of the LANXESS Corporation line of standard commercial products. Complete commercialization and continued supply are not assured. The purchaser/user agrees that LANXESS Corporation reserves the right to discontinue this product without prior notice.

Typical Properties

Property data is provided as general information only. Property values are approximate and are not part of the product specifications.

Health and Safety

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling LANXESS products mentioned in this publication. Before working with these products, you must read and become familiar with the available information on their hazards, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., material safety data sheets (MSDS) and product labels. Consult your LANXESS Corporation representative or contact the Product Safety and Regulatory Affairs Department at LANXESS. For materials that are not LANXESS products, appropriate industrial hygiene and other safety precautions recommended by their manufacturer(s) must be followed.

Regulatory Compliance

Some of the end uses of the products described in this brochure must comply with applicable regulations, such as the FDA, NSF, USDA and CPSC. If you have any questions on the regulatory status of any LANXESS engineering thermoplastic, consult your LANXESS Corporation representative or contact the LANXESS Regulatory Affairs Manager.

Note:

The information contained in this publication is current as of September, 2014. Please contact LANXESS Corporation to determine if this publication has been revised.