

	<i>Novin Baspar Sazeh Co.</i>	2017
	NovinBlock-E1030	Additive Masterbatch

Datasheet for Anti-block Masterbatch, NovinBlock-E1030

Introduction

This group of masterbatches with trade name NovinBlock® are mainly used in film production to prevent a layer of film from sticking to its adjacent layers resulting in a blocked film, thus easing the separation of film layers from each other. These masterbatches will increase the friction coefficient of the surface of product, resulting in a much lower cohesion between the layers. The performance of these masterbatches are designed based on, and evaluated using ASTM D3354.

NovinBlock-E1030 is an antiblock masterbatch based on mineral silicate with PE as the carrier polymer. NovinBlock-E1030 has been developed for applications where an antiblock effect is desired – typically it is being used in the manufacture of polyethylene films.

Specifications

Property	Value
Appearance	Whitish Cylindrical Pellet
Additive %	15
Melting Point (°C)	120
Density (g/cm ³)	1
Carrier Resin	LDPE/LLDPE
Addition Rate	0.5 ~ 1 % depending on desired effect

Guideline to Use

Due to the good dispersion, purity and fineness of the silicate used, a good antiblocking effect can be achieved at addition levels of 0.5 to 1 %. This addition level does not yet affect negatively on the mechanical properties of the product.

Applications

Suitable for film processing and plastic bag products.

Packaging

The standard packing is 25 kg PE bags.

Storage

Keep the product in cool & dry place with good ventilation. Away from the direct sunlight, high temperature and rain pour.



The information in this data sheet represents typical values obtained by us and should not be regarded as a specification.

We condition that the product will be inspected and qualified by the customer for his process to meet the specific requirements set by application, processing equipment and end product.

Contacts:

Detailed information on special applications and technical information is available at the Technical Department.

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