

DATA SHEET / SPECIFICATIONS ANTIBLOCKING MASTERBATCH AB PE 50N

AB PE 50N is a masterbatch containing 50 % natural Silica in a LDPE carrier. It is used to prevent blocking of PE films during wind-up and to allow easy opening of PE bags and sachets.

SPECIFICATIONS

<i>Melt Index (190°C / 2.16 kg)</i>	<i>0.3 - 1.2</i>	<i>MO1- 700*</i>
<i>Natural Silica content (1000 °C / 10 min)</i>	<i>48 - 52%</i>	<i>MO5-700*</i>

ADDITIONAL TYPICAL PROPERTIES

<i>Appearance</i>	<i>white pellets</i>	
<i>Density</i>	<i>0.63 -0.69</i>	<i>MO28-700*</i>
<i>Moisture content</i>	<i>< 500 ppm</i>	<i>MO27-700*</i>
<i>Pellet size mb/g</i>	<i>30 - 40</i>	<i>MO69-700*</i>
<i>% Fe₂ O₃</i>	<i>< 0.20</i>	<i>details given by supplier</i>
<i>Heavy metals</i>		<i>details given by supplier</i>
<i>Pb</i>	<i>< 5 ppm</i>	
<i>As</i>	<i>< 5 ppm</i>	
<i>Hg</i>	<i>< 0.5 ppm</i>	
<i>Cd</i>	<i>< 0.5 ppm</i>	
<i>Cr VI</i>	<i>< 0.5 ppm</i>	

* POLYTECHS internal method

USAGE

AB PE 50N can be used in both Cast or Blown film processes.

The type of Silica used gives excellent surface friction to LDPE & LLDPE films without adversely effecting the film transparency.

AB PE50N is compatible with other polyolefines.

RECOMMENDED ADDITION RATES

Silica antiblock agents are used in polyethylene film from 0.2 to 1 %. In this case, use concentrations of AB PE 50N are between 0.4 and 2%.

FOOD CONTACT STATUS

AB PE 50N is suitable for food contact applications.

PACKAGING

Product is packed in 25 kg PE bags on shrink-wrapped pallets of 1375 kg.

When stored in a cool and dry place in original bags, Antiblock Masterbatches have a shelf life of two years