

<b>DATA SHEET / SPECIFICATIONS</b> <b>ANTIBLOCKING MASTERBATCH</b> <b>AB PE 30N</b>
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AB PE 30N is a masterbatch containing 30 % 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>1.0 - 2.0</i>	<i>MO1- 700*</i>
<i>Natural Silica content (1000 °C / 10 min)</i>	<i>28.5 - 31.5%</i>	<i>MO5-700*</i>

**ADDITIONAL TYPICAL PROPERTIES**

<i>Appearance</i>	<i>white pellets</i>	
<i>Density</i>	<i>0.55 -0.62</i>	<i>MO28-700*</i>
<i>Moisture content</i>	<i>&lt; 1000 ppm</i>	<i>MO27-700*</i>
<i>Pellet size mb/g</i>	<i>25 - 35</i>	<i>MO69-700*</i>
<i>% Fe<sub>2</sub>O<sub>3</sub></i>	<i>&lt; 0.20</i>	<i>details given by supplier of silica</i>
<i>Heavy metals</i>		<i>details given by supplier of silica</i>
<i>Pb</i>	<i>&lt; 5 ppm</i>	
<i>As</i>	<i>&lt; 5 ppm</i>	
<i>Hg</i>	<i>&lt; 0.5 ppm</i>	
<i>Cd</i>	<i>&lt; 0.5 ppm</i>	
<i>Cr VI</i>	<i>&lt; 0.5 ppm</i>	

\* POLYTECHS internal method

**USAGE**

AB PE 30N 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 PE30N 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 30N are between 0.4 and 2%.

**FOOD CONTACT STATUS**

AB PE 30N is suitable for food contact applications.

**PACKAGING**

Product can be packed in 25 kg PE bags on shrink-wrapped pallets of 1375 kg or big-bags 1000kg.

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