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| DATA SHEET / SPECIFICATIONS ANTIBLOCKING MASTERBATCH AB PE 15 N |
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AB PE 15 N is a masterbatch containing 15 % 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

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|-------------------------------------|-------------|-----------------|
| <i>Melt Index (190°C / 2.16 kg)</i> | 4 - 8 | <i>MO1-700*</i> |
| <i>Natural Silica content %</i> | 13.5 – 16.5 | <i>MO5-700*</i> |

ADDITIONAL TYPICAL PROPERTIES

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|------------------------------------|------------------------------|----------------------------------|
| <i>Appearance</i> | <i>white pellets</i> | |
| <i>Specific gravity</i> | <i>1.02 g/cm³</i> | <i>MO13-700*</i> |
| <i>Bulk density</i> | <i>0.50 – 0.54</i> | <i>MO28-700*</i> |
| <i>Moisture content</i> | <i>< 500 ppm</i> | <i>MO27-700*</i> |
| <i>Pellet size Nb/g</i> | <i>30 - 40</i> | <i>MO69-700*</i> |
| <i>Fe₂O₃</i> | <i>< 600 ppm</i> | <i>details given by supplier</i> |
| <i>Heavy metals</i> | | <i>details given by supplier</i> |
| <i>Pb</i> | <i>< 2 ppm</i> | |
| <i>As</i> | <i>< 2 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 15 N can be used in both Cast or Blown film processes.

The type of Silica used reduces very efficiently the coefficient of friction of LDPE and LLDPE films without adversely affecting the film transparency.

AB PE 15 N 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 15 N are between 1.3 and 7%.

FOOD CONTACT STATUS

AB PE 15 N 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