



KNS-ABSORB

Product Information:

KNS-ABSORB is Moisture-Absorber based on a Polyethylene Resin.

Typical Applications:

KNS-ABSORB is suitable for the absorption of moisture when used with recycling materials as well as for applications which are sensitive to moisture. It is also suitable for virgin materials or masterbatches contains inorganic substances based on PP, PE, PS etc.

KNS-ABSORB is specially developed for the use in thin films (<50 μ).

Moisture problems occur mainly after the recycling of the following materials:

- DSD (Post consumer waste such as PE, PP and PS)
- Chalk or talc filled products
- LLDPE, HDPE, PP, (HI)PS, ABS, PA, PET, etc.

Recommendation of addition rate:

- Recycling 1-3%
- Extrusion of agglomerates 2-5%
- Drying of highly filled Compounds 1-3%
- Moisture sensitive applications 1-3%

It is also used for virgin materials or masterbatches with inorganic materials

Product Data:

Property	Test Method	Unit	Value
Physical Properties			
Based Resin	-	-	LLDPE
Melt Flow Rate (190°C-5 kg)	ASTM D 1238	gr/10 min	0,5-1,2
Specific Weight (23°C)	ASTM D-792	gr/cm ³	1,85±0,02
Moisture	Internal Method	%	≤0,015
Ash Content	ASTM D 5630	%	75

Packaging:

It is packaged as 25 kg in aluminum boxes.

Food Regulation:

KNS-ABSORB is suitable for food contact applications. For detailed information, please contact the KLINEKS Sales Office.

Storage&Handling:

KNS-ABSORB should be stored in a manner that avoids direct exposure to sunlight and heat. The storage area should also be dry. KLINEKS does not provide a warranty for quality deterioration that is a result of faulty storage conditions.

Klineks Kimya & Yazılım

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