

DATA SHEET / SPECIFICATIONS FRESHKEEPING & DEODORIZING MASTERBATCH FK PE 50S

FK PE 50S is a high concentration masterbatch containing 50% refined Zeolite deodorizing powder in LDPE base resin. This masterbatch is used to remove odors and certain gases (eg. ethylene etc...) from containers, wraps and barrier films.

SPECIFICATIONS

<i>Deodorizing powder content</i>	<i>48 - 52</i>	<i>MO5-700*</i>
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ADDITIONAL TYPICAL PROPERTIES

<i>Appearance</i>	<i>Milky, opaque granules</i>	
<i>Melt Index (190°C/2.16 Kg)</i>	<i>2 - 6</i>	<i>MO1-700*</i>
<i>Moisture</i>	<i>< 0.4 %</i>	<i>MO27-700*</i>

* Polytechs internal method.

USAGE

FK PE 50S masterbatch is compatible with all other grades of PE and EVA. It can also be used with antifogging and antistatic agents. Masterbatch additive is more hydrophobic than other zeolites so it will not absorb water vapour or moisture, but will focus on order-causing compounds.

The antidorizing effect is obtained by a fine particle size, high performance molecular sieve which attracts odors and traps them within its porous structure, effectively eliminating odors.

RECOMMENDED ADDITION RATES

Typical addition rates are between 2-4% masterbatch depending on desired effect.

FOOD CONTACT STATUS

Zeolite in polymers are approved for contact with food as outlined by FDA and ECC legislation.

PACKAGING

Product is packed in 25 kg aluminium bags, on 1375 kg shrink-wrapped pallets. Bags must remain sealed during storage.