



DATA SHEET / SPECIFICATIONS
CLING MASTERBATCH
PW 66

PW 66 is a concentrate of Polyisobutylene (PIB) of an average molecular weight of 1250 in Linear Low Density Polyethylene. It is used as a cling agent to make stretchwrap films from LLDPE or LDPE. It is a dry free-flowing pellet.

SPECIFICATIONS

<i>% PIB</i>	<i>63 - 69</i>	<i>MO139-700*</i>
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ADDITIONAL TYPICAL PROPERTIES

<i>Appearance</i>	<i>Lightly powdered opaque dry pellets</i>	
<i>Specific gravity (g/cm³)</i>	<i>0.903</i>	<i>MO13-700*</i>
<i>Bulk density</i>	<i>Approx. 0.50</i>	<i>MO28-700*</i>

* Polytechs internal method

USAGE

PW66 is designed to produce stretch film from LLDPE, LDPE or other polyolefins for the applications of palletwrap, silagewrap and foodwrap. It can be used in both Blown or Cast film process. Polymers used with PW66 must **not** contain any slip or antiblock additives or have a density higher than 0.923 as this will prevent the migration of the cling additive.

Migration time for good cling properties is 24-48 hours.

RECOMMENDED ADDITION RATES

For monolayer Blown films 7% PW66 by weight should be added to LLDPE (or resin mix). For monolayer Cast films 3% PW66. On multilayer film lines, PW66 is often added to the skin layers only. Addition rate depends on which layer is used and the layer thickness.

FOOD CONTACT STATUS

Polyisobutylene is allowed by the FDA for use in contact with food (21 CFR 117.1430) and also meets the requirements of EC Directive 90/128/EEC.

PACKAGING & STORAGE

Product is packed in 25 kg PE bags on 1375 kg shrink-wrapped pallets. Store in cool place (less than 30°C) out of direct sunlight and not under heavy loads.

Shelf life is 9 months minimum.

ED. 03/2002