



**DATA SHEET / SPECIFICATIONS**  
**CLING MASTERBATCH**  
**PW 60**

PW 60 is a concentrate of high molecular weight Polyisobutylene tackifier 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>57 - 63</i> | <i>MO139-700*</i> |
|--------------|----------------|-------------------|

**ADDITIONAL TYPICAL PROPERTIES**

|  |  |                  |
|--|--|------------------|
| <i>Appearance</i>                          | <i>Lightly powdered opaque dry pellets</i> |                  |
| <i>Specific gravity (g/cm<sup>3</sup>)</i> | <i>0.912</i>                               | <i>MO13-700*</i> |
| <i>Bulk density</i>                        | <i>Approx. 0.50</i>                        | <i>MO28-700*</i> |

\* Polytechs internal method

**USAGE**

PW60 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 PW60 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 24-72 hours.

**RECOMMENDED ADDITION RATES**

For monolayer blown films 8 % PW60 by weight should be added to LLDPE ( or resin mix). For monolayer Cast films 3 and 4 % PW60. On multilayer film lines, PW60 is often added to the skin layers only. Addition rate depends on which layer is used and the layer thickness.

**FOOD CONTACT STATUS**

Polyisobutylene and Polyethylene are allowed by the FDA for use in contact with food ( 21 CFR 177.1430 and 21 CFR 177.1520) and also meets the requirements of EC Directive 90/128/EEC and EC Directive 94/62/EC.

**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. 02/2009*