

**DATA SHEET / SPECIFICATIONS
CLING MASTERBATCH
PW 52**

PW 52 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>52 ± 2 %</i>
--------------	-----------------

TYPICAL PHYSICAL PROPERTIES

<i>Appearance</i>	<i>Lightly powered opaque dry pellets</i>
<i>Specific gravity (g/cm³)</i>	<i>0.912</i>
<i>Bulk density</i>	<i>Approx. 0.50</i>

USAGE

PW 52 is designed to produce stretchwrap film from LLDPE, LDPE and other polyolefins for the applications of palletwrap, silagewrap and foodwrap. It can be used on either blown film or cast film process.

Polymers used with PW52 masterbatch must **not** contain any Antiblocking additive, slip agent, or have a density higher than 0.923, as this will prevent the migration of cling additive. Migration time for good cling properties is usually 24 to 72 hours.

RECOMMENDED ADDITION RATES

On monolayer blown film lines, 10% PW 52 by weight should be added to resin mix.

On monolayer Cast lines , 4 to 6 % PW52.

On multiple-layer film lines, PW52 is usually added to the skin layers only. Addition level depends on which layer is used and the thickness of layer.

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 EU Regulation 10/2011 and amendments

PACKAGING & STORAGE

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

Shelf life is 9 months minimum.

Edition 2/2013