

DATA SHEET / SPECIFICATIONS CLING MASTERBATCH PW 52
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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

% PIB	<i>52 ± 2 %</i>
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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 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 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.

ED. 06/98