

TECHNICAL DATA SHEET / SPECIFICATIONS

PIB COMPOUND PT-70

INTRODUCTION

PIB COMPOUND PT-70 is a concentrate of very high molecular weight Polyisobutylene tackifier and Linear Low Density Polyethylene. The composition is used as a cling agent to produce stretchwrap films from LLDPE or LDPE. It is dry free flowing pellets. The high PIB content in the polymer matrix achieves the excellent cling property.

SPECIFICATIONS

Appearance	<i>Lightly Powdered Translucent Dry Pellets</i>
% PIB (active ingredient)	<i>68 ~ 72%</i>
Loose Bulk Density	<i>0.45 ~ 0.50 gms/cm³</i>
Specific Gravity	<i>0.905 ~ 0.915 gms/cm³</i>
Soluble fraction in Xylene @ 25°C W/W%	<i>76 max.</i>
Moisture (at works)	<i><0.5%</i>

USAGE

PT-70 is designed to produce stretchwrap films from LLDPE, LDPE or any other Nonslip Polyolefins for the applications of Palletwrap and Silagewrap. It can be used on either blown film line or cast film process. PT-70 is mainly designed for the use where PIB is loaded separately through auto suction feeding. Polymers used with PT-70 must not contain any Anti blocking additive or slip agent as this will prevent the migration of cling additive on the films. Migration time for the good cling properties is usually 24 to 72 hours.

RECOMMENDED ADDITION

On monolayer blown film lines, 6% to 8% PT-70 by weight should be added to resin mix.

On monolayer Cast lines, 2% to 4% PT-70 by weight should be added.

On multilayer film lines, PT-70 is usually added to the skin layers only.

Addition level of PT-70 depends on which layer is used and the thickness of layer.

PACKING & STORAGE

PIB PT-70 is available in the packing of 25 kgs. laminated moisture proof woven sack bag.

Keep the product in cool & dry place with good ventilation. Away from the direct sunlight, high temperature, rain pour and not under heavy loads. Shelf life of PT-70 is about 12 months. Thereafter still it can be used, but with little higher dosage %ge than usual.