

## PIB Cling Masterbatch DATA SHEET

### Introduction:

PIB Cling Masterbatch PB-60 / PB-66 is concentrated with High Molecular weight and highly Viscous Poly Iso Butene. Poly Iso Butene is highly viscous, which is used as tackifier and produce Cling property in LL/LDPE Stretch film. Cling Masterbatch is dry free flow granules. High Loading of PIB in polymers migrate on the surface of LL/LDPE Stretch Film for Sticky surface.

### Grade PB-60 | PB- 66 Specification

PIB % PB - 60	60% ~ 62%
PIB % PB - 66	65% ~ 66%
Base Polymer	PE (non-slip)
Loose Bulk Density	44 ~ 50 Gms / Cm <sup>3</sup>
Specific Gravity	0.910 ~ 0.920 Gms / Cm <sup>3</sup>
Moisture (@ Process Time)	<0.5%
Appearance	Free Flow Dry Granules

### Application:

PB-60/PB-66, PIB Cling Masterbatch is used as Cling Agent for LL/LD PE stretch film manufacturing.

PB-60/PB-66 contains anti-oxidants, dispersing, and brightening additives for excellent migration of PIB on the surface of film without and property damage in PE film. Base polymer of film must not contain Anti-blocking or slip additive. For best migration on surface of PIB requires 24~72 hrs., depends on atmosphere.

We recommend loading of PB-60/PB-66 as below. (In Standard Conditions)

Blown Film Mono layer: 7~8%

Blown Film Multy Layer: 5~6% (By weight in outer /Inner layer)

Cast Film: 1.5~2% (By weight in outer /Inner layer)

(Note: Addition % varies with, layer thickness and which layer is used to generate cling property.)

**Package:** 25Kg Raffia Bag with Liner

**MACHINERY:** PE Cast stretch Film Plant | Air Bubble Film Plant | PIB Dosing Pump | Film Auto Slitter  
Reprocessed Granule Extruder with Die Face Cutter

**MASTERBATCH:** PIB Cling Masterbatch | Carbon Black Masterbatch | Slip Additive Masterbatch  
**Film:** PE stretch film | Air Bubble Film

