

# POLYPET® PT AB 042 G

## Product Description

POLYPET® PT AB 042 & PT AB 042 G are standard antiblocking masterbatches containing synthetic silica for all kind of PET films type cast, blown and BOPET. The addition of an antiblocking masterbatch avoids blocking during wind up, regulates the slip and anti static properties of additivated films and allows a smooth unwinding and slitting of the reels.

Free flowing pellets containing :

- PT AB 042: 5% synthetic silica in cPET
- PT AB 042 G: 5% synthetic silica in PETG

## General

Material Status	• Commercial: Active		
Availability	• Europe		
Uses	• Masterbatch		
Appearance	• Off-White		
Forms	• Pellets		
Processing Method	• Blown Film	• Cast Film	• Oriented Flat Film

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Additive Content (Silica, Synthetic)	5.0 %	5.0 %	
Specific Gravity	0.902	0.900 g/cm <sup>3</sup>	DIN 53479
Bulk Density	51.5 lb/ft <sup>3</sup>	825 kg/m <sup>3</sup>	DIN 53466
Moisture Content	< 200 ppm	< 200 ppm	SCHULMAN 438
Intrinsic Viscosity	0.55 to 0.65	0.55 to 0.65	

## Usage

POLYPET® PT AB 042 & PT AB 042 G anti blocking masterbatches are characterized by their excellent dispersion. The synthetic silica in the POLYPET® PT AB 042 & PT AB 042 G has been selected for its good optical properties.

Recommended addition Rate:

POLYPET® PT AB 042 is suitable for thin plain- and coextruded CAST & BOPET films based on homopolymer PET and copolyesters . NO use in PETG !

POLYPET® PT AB 042 G is suitable for plain- and coextruded FILMS and SHEETS based on PETG.

The dosing level is depending of the filmthickness and application ? Typical dosing : 1 to 4%.

Masterbatches can be used to reinforce the antiblocking properties of formulated PET resins.

## Remark

This product is still in the development stage. A.Schulman reserves the right, at its sole discretion, to modify and-or discontinue the manufacturing of this product at any time. Purchaser shall make its own independent interpretation of the Product's performance, suitability, acceptability and fitness for a particular purpose.

## Packaging & Storage

PET Antiblocking masterbatches are very hygroscopic and therefore packed in 20 or 25 kg moisture proof bags, on stretch wrapped 1,000 or 1250 kg pallets.

Open bags must be used immediately.

POLYPET® PT AB 042 & PT AB 042 G can be stored up to maximum 6 months at 25°C for optimum performance. Higher temperatures might reduce storage time considerably.