

Technical Datasheet

Product: Anti-Block Agent Masterbatch

Grade: C1PE-ABAM

Product Description:

C1PE-ABAM is an anti-block masterbatch based on mineral silicate with PE as the carrier polymer. The use of this masterbatches resolves two major problems often encountered in the film industry (whether during its manufacturing or use):

1 – **The facilitation of rolling film coils.** During film rolling, air bubbles can be trapped between successive spires which can cause small localised flaws that grow as the spires pile up. The coils thus manufactured are no longer cylindrical, and the film isn't perfectly flat when it is unrolled.

2 - **The blocking effect.** results from the adhesion developed between two smooth layers of film placed in contact with each other. This phenomenon is mainly associated with polyethylene and polypropylene films, whether they are obtained by a cast or an blown process, even after lamination.

Appearance:

Host Polymer	PE
Appearance	Granules
Color	White

Physical Properties:

Properties	Unit	Value	Standard
MFI (190°C , 2.16Kg)	g/10min	7	ASTM D 1238
Specific Gravity	g/cm ³	0.9	ASTM D792

Dosage: The recommended dosage is 0.2 to 0.5 % depending on desired final application of product.

Note: The information provided in this data sheet is based on our present state of knowledge and is estimated by Payesh C-One Polymer Co.. This information should not be used as guaranteeing specification limits. Payesh C-One Polymer Co. make no warranty and liability in connection with any use of this information.