

» SELECTION GUIDE

PACKAGING SOLUTIONS

Film & Sheet



BOPET STANDARD PRODUCT PORTFOLIO

PRODUCT NAME	PROPERTIES & APPLICATIONS
Anti-block	BOPET application (PV back sheet, packaging film, industry film) Sleeve application (PETG)
Anti-static	Migrating anti-static system
Flame retardant	Halogen free flame retardant system, transparent, UL94 VTM-0
Light stabilizer	Protection for outdoor application (UV 380nm) Protection for screen application (UV 400nm)
Matting agent	Matting agent
Pinning agent	Increased conductivity
O ₂ scavenger	Content protection against oxygen
White masterbatch	Blue shade white Standard white
Black masterbatch	Carbon black Cool black system





PO SHEET PRODUCT PORTFOLIO

PRODUCT NAME	PROPERTIES & APPLICATIONS
Slip agent	Mainly used for multilayer PE/PP film and composite film
Anti-block	Pure anti-block can be used in transparent film Contain both anti-block and slip agent for polyolefin film
Processing masterbatch	Used in blowing and tape casting of PE/PP (liquid)
Anti-oxidant	Protection of film from degrading while processing Increase reclaimed ingredients in the formula
Light stabilizer	Protection of content Low precipitation, which is especially suitable for thinner PE products, such as film and spinning
Anti-fog	Good resistance to cold and hot fog, and suitable for thinner film
Anti-static	Applicable to multilayer PE/PP film and composite film

APET SHEET PRODUCT PORTFOLIO

PRODUCT NAME	PROPERTIES & APPLICATIONS
Anti-block	Standard anti-block Printable A/B/A PET sheet and film High-transparent and low COF
Anti-static	A/B/A film or sheet (transparency) A/B/A film or sheet (matte)
Impact modifier	Improve sheet elongation at low temperature
Chain extender	IV improver, EU food and FDA approved
White masterbatch	Standard white
Matting agent	Surface matting agent

Consumers expect high quality products every time. Flexible packaging is increasingly playing a critical role in helping brand owners with product protection and extended shelf life. With the increasing demands for flexible packaging, most manufacturers of film and sheet in flexible packaging are required to optimize processing, enhance goods performance and achieve cost savings to increase profitability and gain market share.

As a professional supplier for packaging film and sheet, Avient offers a wide range of functional additives for flexible materials, which can be specifically designed to meet the demanding requirements for different industries. By providing performance enhancements such as anti-block, anti-fog and anti-oxidant, Avient is ready to help customers improve processability and quality of packaging film and sheet.

KEY CHARACTERISTICS

- Wide range of base resins are used for functional additives including BOPET, APET, PE, PP and PA.
- Available for different processings, such as film blowing, tape casting, biaxial stretching and sheet extrusion
- Suitable for different industries such as food, beverages, consumer goods and industrial
- Addition rate depends on the specific requirements and application
- Can be customized to meet customer requirements for colors

BRANDS

- CESA™
- ColorMatrix™
- HIFORMER™
- OnCap™
- RENOL™

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