

POLYBATCH® WHITE 8000 EC

Product Description

POLYBATCH® 8000 EC is a specialty white masterbatch containing 70% TiO₂ based in LDPE. POLYBATCH® 8000 EC has been engineered to offer premium dispersion and optimal processability, while providing high opacity and whiteness to polyolefin film applications. POLYBATCH® White 8000 EC will offer the highest resistance to phenolic yellowing or pinking over conventional grades.

General

Material Status	• Commercial: Active
Availability	• North America
Additive	• Titanium Dioxide (TiO ₂) (700000 ppm)
Uses	• Masterbatch
Appearance	• White
Processing Method	• Film Extrusion • Sheet Extrusion

Physical	Nominal Value (English)	Nominal Value (SI)
Additive Content (Ash)	70.0 %	70.0 %
Specific Gravity	2.04	2.03 g/cm ³
Melt Flow Rate (190°C/2.16 kg)	4.0 g/10 min	4.0 g/10 min
Moisture Content	< 1000 ppm	< 1000 ppm

Usage

POLYBATCH® 8000 EC is well suited for the coloring of films where a high hiding power at a low let down ratio is required.

Addition levels of up to 20% are common for film applications. Final usage level will be determined by the desired opacity which is entirely dependent on article thickness and loading level.

Regulatory

POLYBATCH® 8000 EC is made only from FDA recognized materials. Detailed information is available upon request.

Packaging & Storage

POLYBATCH® 8000 EC is typically packaged in polyethylene lined gaylords or polyethylene bags. In general, POLYBATCH® 8000 EC should be stored for up to a maximum of 12 months at 25C for optimum performance. Higher temperatures might reduce storage time considerably.