

## PLASBLAK® PE2642



### **Black Polyethylene Masterbatch for Agricultural Film, Sheet and Geomembrane Applications**

PLASBLAK PE2642 is a premium grade black masterbatch designed primarily for use in agricultural film applications but also suitable for use in sheet and geomembranes. Careful selection of a small particle size weathering grade carbon black and thermal stabilisation package ensures optimum weathering protection is given to the end product during its service life. PLASBLAK PE2642 combines excellent weathering protection with easy dispersion and dilution to ensure the highest film quality.

#### **Mulch Film**

PLASBLAK PE2642 is recommended for use in high opacity mulch film where multi-season performance is required. It is particularly suitable for very high masterbatch addition levels in thin film to allow attainment of maximum opacity without detriment to the surface quality of the film.

#### **Silage Sheet/Clamp Silo Film**

PLASBLAK PE2642 is particularly recommended for use in black-white co-extruded silage film where its weathering properties are combined with excellent opacifying properties in thin layers.

#### **Silage Stretch Wrap/Bale Wrap Film**

PLASBLAK PE2642 is recommended for use in the manufacture of monolayer silage stretchwrap film where the extrusion design provides medium to high levels of distributive mixing.

#### **Geomembrane**

PLASBLAK PE2642 is recommended for use in geomembranes where its excellent weathering resistance and dispersion characteristics are an essential requirement. This product is suitable for use in a wide range of plastics that come into contact with food. For more details regarding the food contact compliance in various European countries, please contact us.

#### **Method of Addition**

PLASBLAK PE2642 is designed for ease of dilution and homogeneous mixing and is therefore suitable for direct addition using automatic dosing units or by pre-blending.

#### **Addition Rate**

The amount of masterbatch added depends on the performance requirements of the final application. Typical addition rates vary from 5% to 7% masterbatch (3% to 17% in mulch film).

# PLASBLAK® PE2642

## Physical Properties

PROPERTY	VALUE	TEST METHOD (*)
Carrier	polyethylene	-
Pigment	40% weathering carbon black	-
Additive	antioxidant	-
Compatibility	LDPE, LLDPE, HDPE, PP	-
Density @ 23°C	1150 kg/m <sup>3</sup>	CTM E023
MFI 21,6 kg/190°C	20 g/10 min	CTM E005 (ISO 1133)

(\*) Tests are performed according to Cabot Test Methods (CTM) based on international standards.

Quoted test results should not be used for specification purposes but are typical test values intended for guidance only.

## Packaging

PLASBLAK PE2642 is supplied in regular pellet form packed in 25 kg bags. It should be stored in a dry place.

Recommended storage life: up to 1 year provided it is stored as directed.



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