

PLASBLAK® PE2727



Black PE Masterbatch for Film, Extrusion & Moulding Applications Requiring Superior Pigmentation & UV Protection

PLASBLAK PE2727 is a polyethylene based black masterbatch designed for use in film, extrusion and moulding applications. It is particularly recommended for co-extruded and thin films requiring high opacity as well as good resistance to UV. It is also recommended for use in construction pipes, tape, netting and geogrid applications. It exhibits optimum carbon black dispersion characteristics together with good dilutability and gives maximum protection against UV light degradation.

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 refer to the relevant Food Contact Statement that you can obtain through your usual Cabot representative.

Method of Addition

PLASBLAK PE2727 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 4% to 10% masterbatch (1% to 3% in injection moulding). The recommended addition rate for maximum UV light protection is 6.25% masterbatch in moulding.

Physical Properties

PROPERTY	VALUE	TEST METHOD (*)
Carrier	polyethylene	-
Pigment	40% weathering carbon black	-
Compatibility	LDPE, LLDPE, HDPE, PP, ethylene copolymers	-
Density @ 23°C	1140 kg/m ³	CTM E023
MFI 21,6 kg/190°C	38 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.

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Packaging

PLASBLAK PE2727 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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