

**BLACK POLYETHYLENE MASTERBATCH FOR
IRRIGATION PIPE AND GEOMEMBRANE**



PLASBLAK® LL4752R



PLASBLAK® LL4752R is a specially formulated masterbatch for use in irrigation pipes and geomembranes. It contains a carbon black with high UV protection as well as a highly efficient stabilisation package. As well as optimum UV protection, it offers excellent long term thermal stability and process stabilisation.

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.

NOTE: Two versions of this grade exist: LL4752R which is manufactured to comply with REACH legislation within Europe; and LL4752 which is not REACH compliant. If the REACH compliant version is required, it should be ordered under the reference LL4752R.

**METHOD OF
ADDITION**

PLASBLAK® LL4752R 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. For optimum protection against UV a masterbatch addition rate of 6.25% is recommended.



Cabot Corporation

www.cabot-corp.com/plastics

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PHYSICAL PROPERTIES

PROPERTY	VALUE	TEST METHOD (*)
Carrier	PE	
Pigment	40% weathering carbon black	
Additive	Antioxidant	
Compatibility	LLDPE, MDPE, HDPE, PP	
Density @ 23°C	1150 kg/m ³	CTM E023
MFI (190°C / 21.6 kg)	50 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® LL4752R 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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