

## PLASBLAK<sup>®</sup> LL4752 Black Masterbatch



### **Black Polyethylene (PE) Masterbatch for Irrigation Pipe and Geomembrane**

PLASBLAK LL4752 black masterbatch is suitable for use in irrigation pipes and geomembranes. It contains a carbon black that provides superior protection against UV light degradation, as well as a highly efficient stabilisation package that can enable excellent long term thermal and process stability.

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 countries, please refer to the relevant Food Contact Statement available through your Cabot representative.

### **Method of Addition**

PLASBLAK LL4752 black masterbatch 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 effective protection against the effects of UV exposure, a masterbatch addition rate of 6.25% is typical.

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## Physical Properties

PROPERTY	VALUE	TEST METHOD
Carrier	PE	-
Pigment	40% carbon black (with superior UV performance)	-
Additive	Antioxidant	-
Compatibility	LLDPE, MDPE, HDPE, PP	-
Density @ 23°C	1150 kg/m <sup>3</sup>	CTM E023*
MFI 190°C/10 kg	8 g/10 min	ISO 1133

\* Tests are performed according to Cabot Test Methods (CTM).

The data in the table above are typical test values intended as guidance only, and are not product specifications. Product specifications are available from your Cabot representative.

## Packaging

PLASBLAK LL4752 black masterbatch is supplied in regular pellet form packed in 25 kg bags. It should be stored in a dry place.

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



[cabotcorp.com](http://cabotcorp.com)

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