

REACH COMPLIANT BLACK POLYETHYLENE  
MASTERBATCH FOR COLD POTABLE WATER  
PIPE AND CABLE SHEATHING APPLICATIONS



## PLASBLAK® LL2590R



PLASBLAK® LL2590R is designed for use in cold potable water pipe and cable sheathing applications. It contains a small particle size carbon black together with an antioxidant approved for use in potable water which offer 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.

NOTE: Two versions of this grade exist: LL2590R which is manufactured to comply with REACH legislation within Europe; and LL2590 which is not REACH compliant. If the REACH compliant version is required, it should be ordered under the reference LL2590R.

### METHOD OF ADDITION

PLASBLAK® LL2590R 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. The recommended addition rate for maximum UV light protection is 6.25% masterbatch.



**Cabot Corporation**

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## PHYSICAL PROPERTIES

PROPERTY	VALUE	TEST METHOD (*)
Carrier	LLDPE	
Pigment	40% P-type carbon black	
Additive	Antioxidant	
Compatibility	LDPE, LLDPE, HDPE, PP	
Density @ 23°C	1140 kg/m <sup>3</sup>	CTM E023
MFI 21.6 kg/190°C	7 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® LL2590R 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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