

PLASBLAK® PE2640 BLACK MASTERBATCH

Product highlights

PLASBLAK® PE2640 black masterbatch has been designed to offer high standards of performance compared to traditional agricultural film masterbatches. For example, when compared against standard, PLASBLAK® PE2640 black masterbatch offers improved levels of both opacifying power and weathering performance.

Recommended applications include premium and specialist mulch films and high-quality silage film.

The main performance benefits are:

- ◆ Very good film surface quality
- ◆ Higher level of opacity (Figure 1)
- ◆ High tinting strength
- ◆ Excellent weathering performance (Figure 2)
- ◆ Minimum influence on mechanical properties



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 Cabot representative.

Method of addition

PLASBLAK® PE2640 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. Typical addition rates vary from 4% to 6% masterbatch in silage film and up to 10% in mulch film.

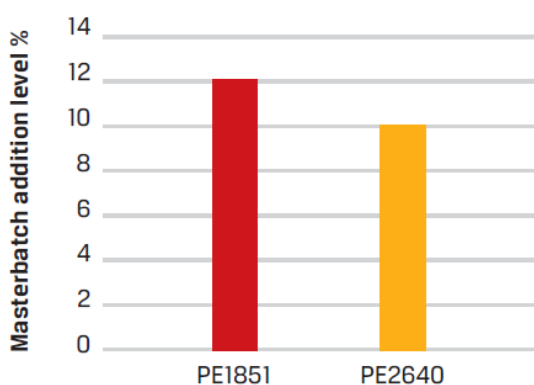
| TYPICAL PROPERTIES | | | |
|--------------------|--|-------|-------------|
| PROPERTY | TYPICAL VALUE | UNITS | TEST METHOD |
| Carrier | PE | - | - |
| Pigment | 40% high opacity and weathering carbon black | - | - |
| Compatibility | LDPE, LLDPE, HDPE, PP, ethylene copolymers | - | - |

PLASBLAK® PE2640 BLACK MASTERBATCH

| | | | |
|-------------------|------|-------------------|----------|
| Density @23°C | 1250 | kg/m ³ | ISO 1183 |
| MFI 21.6 kg/190°C | 24 | g/10 min | ISO 1133 |

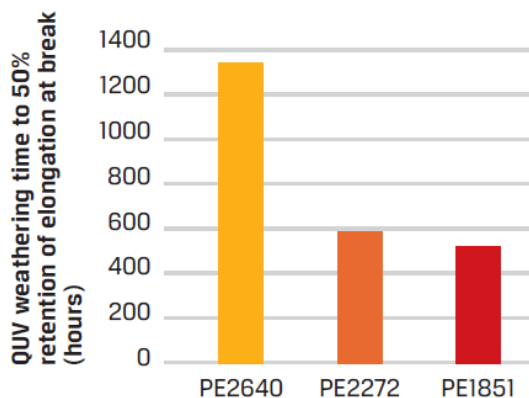
The data in the table above are typical test values intended as guidance only and are not product specifications. Product specifications are available upon request from your Cabot representative.

Figure 1: comparison of opacifying properties



Masterbatch addition level required to produce 100% opaque 30 micron mulch film.

Figure 2: weathering data



Tests conducted on 100% opaque 30 micron mulch film.

Product form and logistics

- ◆ Product form: pellets
- ◆ Regional availability: global
- ◆ Packaging option: 25 kg bags

For information on product-specific storage conditions, please refer to the applicable Safety Data Sheet (SDS) available from your Cabot representative or at cabotcorp.com.

The PLASBLAK name is a registered trademark of Cabot Corporation.

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