



## Kimcol 5842

Black Masterbatch

### Product Description

Kimcol 5842 is designed for general purpose irrigations tape, and moulding applications for fast extruding. The amount of masterbatch added depends on the performance requirements of the final application and the carbon black content specified in the finished product. Typical addition rates vary from 2% to 6% masterbatch.

### General

|               |                     |
|---------------|---------------------|
| Carrier       | • PE                |
| Pigment       | • CB                |
| Compatibility | • LDPE, LLDPE, HDPE |
| Forms         | • Pellets           |
| Packaging     | • 25 Kg PE Bag      |

| Physical                          | Nominal Value Unit | Test method |
|-----------------------------------|--------------------|-------------|
| MFR(190°C – 21.6Kg)               | 34±6 g/10min       | ASTM D 1238 |
| Ash Content (600°C)               | <0.6               | ASTM D 5630 |
| Carbon black content              | 44±1               | ASTM D 1603 |
| degree of carbon black dispersion | <3                 | ISO 18553   |
| Oxidation of induction time (OIT) | >60                | ASTM D 3895 |
| density                           | 1.14±0.03          | ASTM D 1505 |
| Moisture Content                  | <1500 ppm          | ASTM D 6980 |

### Storage

Kimcol 5842 is supplied in pellet form packed in 25 kg composite bags. Kimcol 5842 should be stored in a dry place. Under these conditions the product can be hold at least 24 months.

### Note

- Test results have been achieved in lab condition. Miss handling may give different result and sometimes outside of the standard
- The specifications given are the guidelines only.
- Above compound is suitable to run on different machines; however some adjustments may be required on individual machine.
- The customers are advised to check the quality, prior to commercial use. There is no guarantee and/or warrantee what so ever, after processing