



TECHNICAL DATA SHEET

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Kimcol 5442 White Masterbatch

Product Description

Kimcol 5442 is a white masterbatch containing more than 70% durable TiO₂ and free of fillers based in polyethylene. Kimcol 5442 is particularly suitable for the manufacture of high quality film and thin walled particles with excellent opacity. Also, it can be used in sheet extrusion, injection molding.

The addition level of the masterbatch depends to the final application. Typical addition levels vary from 1% to 4%.

General

Carrier	• PE
Pigment	• Tio2 (rutile form)
Compatibility	• LDPE, LLDPE, HDPE, PP
Forms	• Pellets
Packaging	• 25 Kg PE Bag

Physical

Nominal Value Unit

MFR(190°C – 2.16Kg)	• 11-21 g/10min
Ash Content (600°C)	• 69-72
Moisture Content	• <2000 ppm

Packaging & Storage

Kimcol 5442 is supplied in pellet form packed in 25 kg composite bags. Kimcol 5442 should be stored in a dry place and be protected from direct sunlight. 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

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