GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

# GRAFTALEN™ MB PO-DCP 10 | Peroxide Masterbatch

## Product Description

GRAFTALEN™ MB PO-DCP 10 is a polyolefin-based masterbatch containing 10 wt % dicumyl peroxide (DCP), used to modify the melt flow of polyolefins (virgin or recycled).

## Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

| | | |
|---|---|---|
| **Physical Form** | granules | |
| **Density** | 0.924 g/cm$^3$ | — |
| **Peroxide content** | 10 wt % | Internal Method |
| **Active oxygen of the peroxide** | 5.86 wt % | Peroxide supplier data |
| **Moisture (loss on drying)**<br>105 °C | < 0.15 % | ASTM D6980 |

## Applications

Increases the melt flow rate (controlled rheology) of PP and PP compounds.

Decreases the melt flow rate of PE and PE compounds (crosslinking / branching).

## Processing & Dosage

GRAFTALEN™ MB PO-DCP 10 is processable on most thermoplastic processing equipment.

Dosage depends on the application and the required result.

## Storage and Transportation

MSDS provided to recommend safe practices during use and storage. Improper storage conditions may cause degradation and affect the product's physical properties. For easy handling and storage, it is normally packed in 25 kg bags (50 bags per pallet).

Store in the original packaging in a cool, dry, well-ventilated area, away from heat sources, moisture and direct sunlight.

## Shelf Life

36 months from the date of delivery, in unopened packaging. For any use above this limit, please refer to our technical services.

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