



KASAKATA
MASTERBATCH

KASALEN LASER MARKING FC0245

TECHNICAL INFORMATION

APPLICATION

General Application in Polyolefins

CHEMICAL DESCRIPTION

Contain Laser Marking Additive

SUGGESTED DOSAGES

1-2% dosage

ACTIVE AGENT

500ppm laser marking additive per 1% dosage

PROPERTIES

- Laser marking additive
- Grey granule
- Effective processing temperature up to 280C

ADVANTAGES

- For plastics which are inherently poor for laser marking such as polyolefins (HDPE, LDPE, LLDPE, PP and PP-copo) as well as engineering plastics like PA, PET, PS/SAN, PC/ABS, etc.
- Excellent laser marking efficiency
- Offers good colour stability of the final formulation

PHYSICAL PROPERTIES

- | | |
|--------------------------------|---|
| • Melting point | 120C |
| • Vicat softening Point | 88C |
| • MFI | 20.275 - 20.381 gr/10 minutes (190C 2.16 kgs) |
| • Specific Gravity | 0.8 - 0.9 |
| • Granule Size | 2.0 - 3.0 mm in length and 2.0 - 3.0 mm in diameter |

REGULATORY COMPLIANCE

EUROPE

- Regulation (EC) No 1272/2008

INDONESIA

- Halal certified

Note :

The protection described above is highly dependant on testing/application geography, exposure to the elements, and article thickness. Highly recommended to test the end product for ensured result

The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding