KASAKATA MASTERBATCH

KASALEN LASER MARKING FC0245

TECHNICAL INFORMATION

APPLICATION

General Aplication 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
- Efective 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/aplication geography, exposure to the elements, and article thickness. Highly recommended to test the end product for ensured result