



KASAKATA
MASTERBATCH

KASALEN ANTI STATICUM FC0059

TECHNICAL INFORMATION

APPLICATION

General Application in Polyolefins

CHEMICAL DESCRIPTION

Organic antistatic agent

SUGGESTED DOSAGES

2-4% in LDPE/LLDPE film

3-5% in HDPE film

1-2% in Injection Moulding

5-10% as purging material

ACTIVE AGENT

1000 ppm in 1% MB

PROPERTIES

- Medium melt flow rate.
- Effective during both during processing and in the end product
- Slight whittish to whittish granule with minimal impart to end product color.
- Effective processing temperature up to 240C.

ADVANTAGES

- Excellent long term anti static properties
- Positive effect on slip properties
- Excellent anti-dust effect
- With proper dosage can become effective purging material

PHYSICAL PROPERTIES

- Melting point 120 C
- Vicat softening Point 88 C
- MFI 15-25 gr/10 minutes 2.16 kgs
- Specific Gravity 0.9-1.0 gr/mL
- Surface Resistivity $10^{10} - 10^{12} \Omega$ (3% dosage on HDPE)
- Granule Size 2.0-3.0 mm in length and 2.0-3.0 mm in diameter

REGULATORY COMPLIANCE

USA

CONEG (Coalition of Northeastern Governors, USA)

EUROPE

- EU Directive 91/689/EEC Hazardous waste directive, heavy metal content
- EU Commission Regulation 10/2011, food contact
- Directive 94/62/EC, as amended by 2004/12/EC, Packaging and packaging waste, heavy metal content
- RoHS Directive (2011/65/EC, as amended)
- WEEE Directive (2002/96/EC, as amended)
- EN 71 - Part III (Safety of toys - Migration of certain elements) concerning heavy metals

INDONESIA

Halal certified

Note :

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