



KASAKATA
MASTERBATCH

KASALEN ANTIMICROBIAL ND 11181LT

TECHNICAL INFORMATION

APPLICATION

General Purpose PE and PP

CHEMICAL DESCRIPTION

Antimicrobial

SUGGESTED DOSAGES

1 - 2% for general purpose

ACTIVE AGENT

800 - 1200 ppm
antimicrobial per 1%
dosage

PROPERTIES

- High performance antimicrobial for polyolefin
- Pyrithione derivatives as active agent
- Environment friendly
- Good thermal stability

ADVANTAGES

- Inhibits the growth of microbial (fungi, bacteria, yeast, and algae) in plastic product
- Suitable for wide range applications of polyolefin
- Protects article/substance at consistent level

PHYSICAL PROPERTIES

- | | |
|--------------------|--|
| • Appearance | White Granule |
| • Melting Point | 120°C |
| • Specific Gravity | Min. 0.9 g/cm ³ |
| • Granule Size | 2.0 - 3.0 mm in length and
2.0 - 3.0 mm in diameter |

REGULATORY COMPLIANCE

EUROPE

- Directive 94/62/EC for heavy metal free
- EU commission regulation 10/2011 for food contact,
- RoHS directive 2011/65/EC.

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