



**KASAKATA**  
MASTERBATCH

## KASALEN FLAME RETARDANT FC0071N

TECHNICAL INFORMATION

### APPLICATION

General Application  
Polyolefin

### CHEMICAL DESCRIPTION

Halogen Flame Retardant

### SUGGESTED DOSAGES

15 - 20% for HDPE  
8 - 14% for LDPE

### ACTIVE AGENT

6000 ppm flame retardant  
per 1% dosage

### PROPERTIES

- Halogen flame retardant package
- White granule
- Non DPO based flame retardant
- Effective processing temperature up to 250°C.

### ADVANTAGES

- High FR efficiency and thermal stability
- Excellent color and non-blooming
- Good UV stability
- Environmental friendly

### PHYSICAL PROPERTIES

- |                                |                                                        |
|--------------------------------|--------------------------------------------------------|
| • <b>Melting Point</b>         | 120°C                                                  |
| • <b>Vicat Softening Point</b> | 88°C                                                   |
| • <b>Specific Gravity</b>      | min. 0.8                                               |
| • <b>Granule Size</b>          | 2.0 - 3.0 mm in length and<br>2.0 - 3.0 mm in diameter |

### REGULATORY COMPLIANCE

#### USA

- US Environmental Protection Agency

#### EUROPE

- ROHS compliant
- The European Chemical Agency (ECHA)

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## 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