

ADDITIVE Masterbatches

KANDUI FIRE FIGHTER PP 02

CODE: FRT/02/0004

This is a very effective solution for flame proofing PP (homo polymer and co-polymer). It is a halogenated fire retardant.



SALIENT FEATURES

- Good thermal stability
- Doesn't corrode the equipment
- Freedom to use color masterbatch along with it to the end user
- Doesn't interact with inorganic filler & colors added during processing
- On continuous contact to fire, it gives very low smoke and dripping effect

APPLICATIONS IN POLYPROPYLENE (PP)

Non-Woven | Fiber | Sheet | Film | Molding |

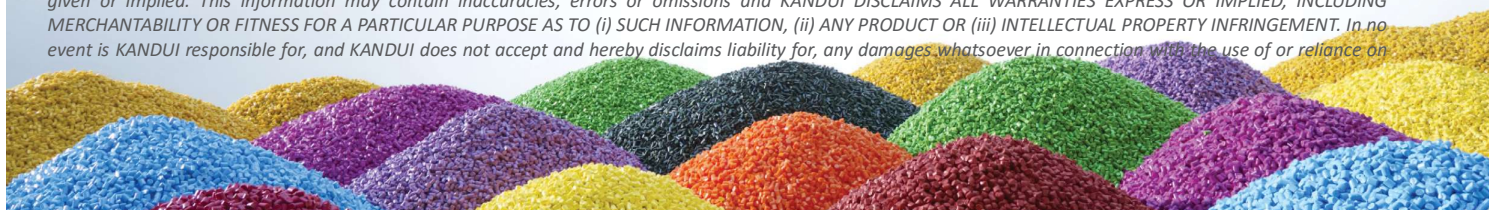
DOSAGE LEVEL

- 1% to 8% depending on application, processing conditions & test specifications.

TEST RESULTS

Sr. No.	Standards	Application	Results
a.	IS: 13501 / ASTM D 2863	Films, Non-Woven & Fiber	Limiting Oxygen Index (LOI) >30 at 4% to 8% addition
b.	UL 94	Molding	V0 at 3% & V1 at 1%
c.	DIN51960	Grass Yarns	Class 1 rating at 4 %

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CHARACTERISTICS OF FIRE FIGHTER PP 02

Sr. No.	Properties	Typical Value
1	Base Polymer	Polypropylene
2	Composition	Halogenated Flame Retardant
3	Retardant Property	As Mentioned In Test Results
4	Maximum Processing Temperature	280° C
5	Packing	25 Kgs. In Heavy Duty Liner with PP Woven Sack Bags

REMARKS

- Purging of processing equipment is recommended upon shut down, as prolonged heating may cause degradation of the fire retardant masterbatch
- This fire retardant masterbatch can be modified for specific end user requirements if required
- If UV additive needs to be added OR UV protection is required, please speak to us

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Kandui Industries Pvt. Ltd.

Head Office

Kandui Industries Pvt. Ltd.
Plot No. 112, Minerva Industrial Estate,
P.K. Road, Near Hercules Hoist, Mulund (W), Mumbai - 400 080
Tel: 022-6267 3500 | Fax: 022-6267 3555 |
Email: masterbachinfo@kandui.in

Factory Unit - I

Kandui Industries Pvt. Ltd.
Plot Survey No. 39/2, 39/3, 39/3-C, 39/3-D, 39/4, 39/1, 39/2-A, Dori
Kadiya, Nani Daman, Daman - 396210
Tel: 0260-3290 766

Factory Unit - II

Kandui Industries Pvt. Ltd.
Survey No. 196, Panchal Industrial Estate, Bhimpore
Nani Daman, Daman - 396 210

