

# MASTERBATCH TECHNICAL SHEET

## ADM PO FL RET 2411 H.F.



### CHARACTERISTICS

First name:	Masterbatch PO flame retardant 2411 halogen free
Code:	ADM-PO-FL-2411-HF
Revision number:	10.0
Appearance:	Pellets
Food Contact:	No
Degree of danger:	See the MSDS
Uses:	SU12, PC32, PROC14, ERC3, ESVOC SPERC 4.20.v1
Customs code:	3902100090
Update date:	01/10/2023

#### Formulation:

ADM-PO-FL-2411-HF is a dispersion of organic phosphorus, free from halogens and antimony trioxide ( $\text{Sb}_2\text{O}_3$ ), in polyolefin polymer.

#### Application:

ADM-PO-FL-2411-HF is recommended for the extrusion of polyethylene (LD, LLD, HDPE) for products which, in addition to being free from halogens with low smoke emission, must be exposed to light so the fireproof additive must not interfere with hals-based UV stabilization. The master makes the final product slightly opaline.

#### Dosage:

200 microns

DIN 4102 B2 LD/LLD/HDPE 4,5%

DIN 4102 B1 LD/LLD/HDPE 15,0%

Description	Unit	Type of test	Min – Max -Val
Humidity	ppm	ASTM D6980	1000 – 2000 ppm
Resin base			PO
Specific weight	$\text{g/cm}^3$	ISO 1188	1,30
Bulk Density	$\text{g/cm}^3$	ASTM D 1895-96	0,70 – 0,80
Shape of the pellets			cylindrical

#### Packaging:

Pallet: 1.250 Kg. – Bag of 25 Kg.

Store in a cool, dry place. Do not expose to the sun. Shelf Life: 1 year.

*The information contained in this document and all other relevant technical advice is based on our current knowledge and experience and is believed to be reliable.*

*They do not represent any warranty of fitness for use in any particular process or application.*

*It is the responsibility of the end user to carry out the tests necessary to determine the suitability of the product for the particular purpose.*