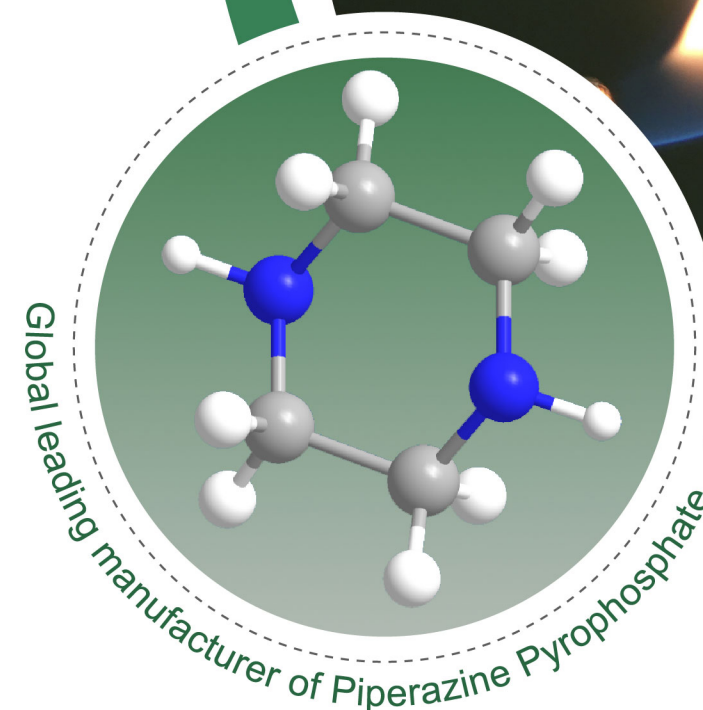
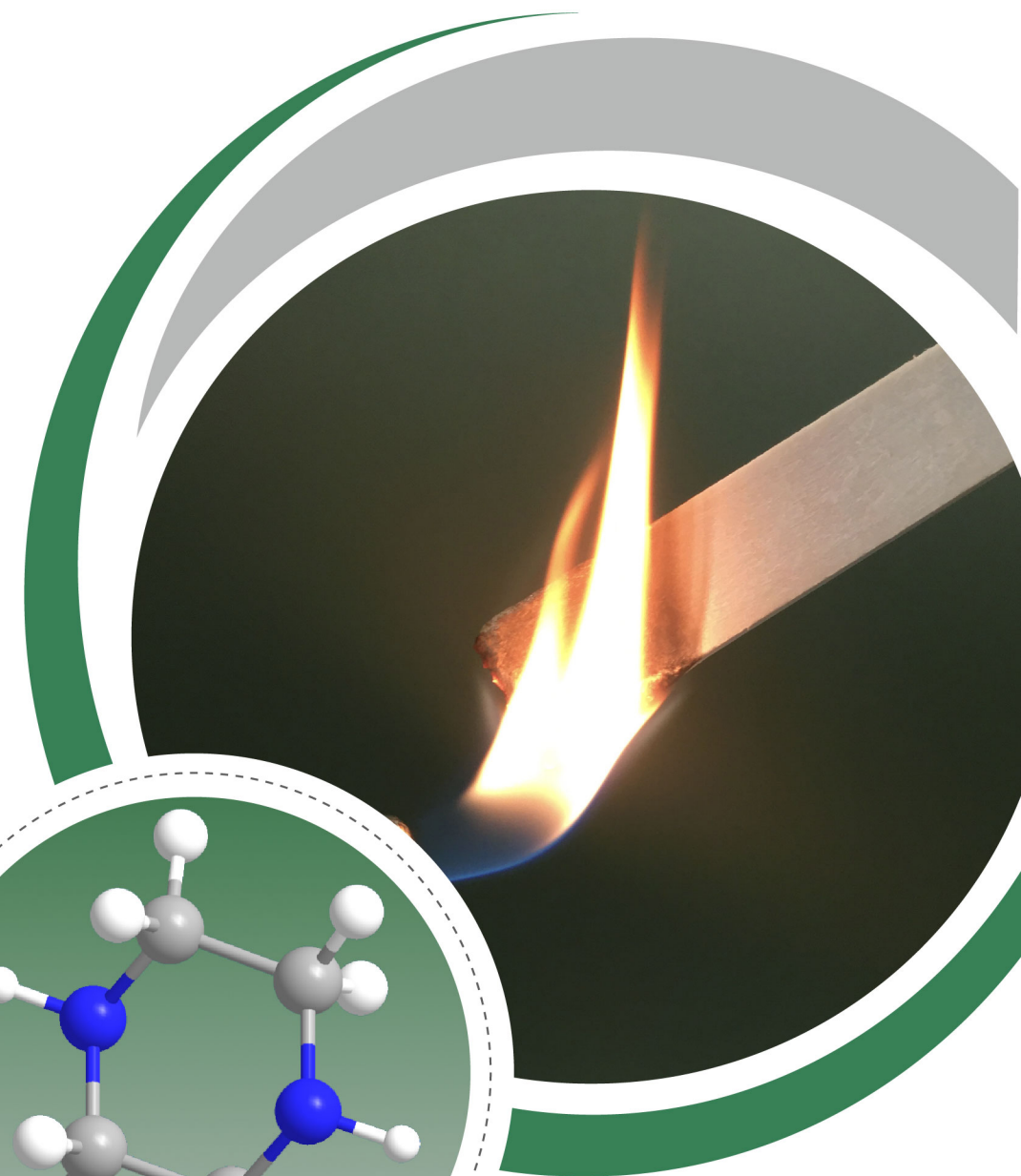




We Love Chemistry



**Polymer Flame Retardant Expert**

[www.mwchemical.com](http://www.mwchemical.com)

## — Contact us

Hangzhou Mei Wang Chemical Co., Ltd.

Add: Room 1202, Block A2, Canal Vanke Center, PingShui

East Road No.888, 310015, Hangzhou, China

Tel: +86 571 8825 1736

Fax: +86 571 8825 1739

Email: [info@mwchemical.com](mailto:info@mwchemical.com)

Http: [www.mwchemical.com](http://www.mwchemical.com)





## Company Profile

Mei Wang Chemical is an enterprise dedicated to R&D, production and sales in eco-friendly flame retardants. We produce cost-effective and high performance flame retardants for various industries, such as polymers, coating, textiles, etc.

We have been providing our flame retardant for over 50 countries and regions globally, and our products are widely applied in automotive parts, home appliance, cable & wire, electronics, construction and building, etc.

Our strong R & D, professional technical service and rich application experience will contribute to making our partners and customers more competitive in the market.

Professionalism, Reliability, Concentration define our business principle, meanwhile the constant innovation makes us to be the world's leading flame retardant solution provider.

<b>Product Range</b>	Halogen free flame retardant Flame retardant masterbatch
<b>Production Lines</b>	9 lines of flame retardant 4 lines of flame retardant masterbatch
<b>Capacity</b>	Flame retardants: 30,000 tons Flame retardant masterbatch: 20,000tons
<b>R&amp;D Team Background</b>	PHD (3) Master degree researchers (4) Senior engineers (12) Engineers (28)
<b>Production Size</b>	31,248m <sup>2</sup>
<b>Current Employee</b>	130+
<b>Foundation Year</b>	2009





# CATALOGUE

■ Quality Assurance	-----	04
■ For Polyolefin	-----	06
■ For PA, PBT	-----	07
■ For TPE, TPV, TPO	-----	09
■ For Epoxy composite system	-----	10
■ For PC, ABS	-----	11
■ For PU foam	-----	12
■ Flame Retardant Masterbatch	-----	13
■ Bromine Flame Retardant	-----	14

## Quality Assurance

Full range of laboratories and advanced R & D testing equipments are the guarantee of Mei Wang's innovation and fast development.

We have four core labs for mechanical property test, Environmental test, Physicochemical test, Flame retardant and electrical properties test.

- Certifications and Qualifications:
- ISO 9001 Quality Management System
- ISO 14001 Environmental Management System
- ISO 45001 Occupational Health And Safety
- IATF 16949:2016
- REACH Registration
- RoHS, SVHC Compliant





## EU-REACH FULL REGISTRATION

### Mflam TC100

Top seller!  
 Low cost, perfect performance in polypropylene and polyethylene,  
 25-28% dosage to achieve UL94-V0, 1.6mm.

### Mflam 1420

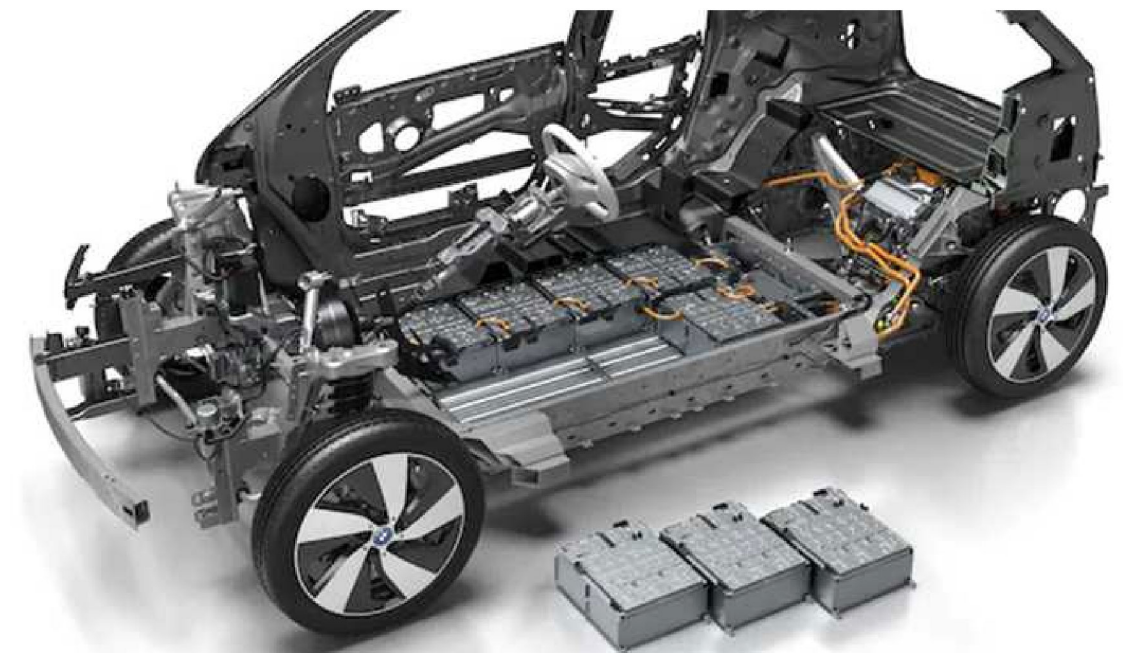
Top seller!  
 Best choice in glass fiber polypropylene, high decomposition, water resistance.  
 21-25% dosage achieve UL94-V0, 1.6mm.

### Mflam 1430

Best choice in glass fiber polypropylene, high decomposition, water resistance.  
 21-25% dosage achieve UL94-V0, 1.6mm.

## Halogen free flame retardant For Polyolefin

Product	CAS No.	Feature
Mflam AP230	68333-79-9	Pure powder of Ammonium Polyphosphate for PP, pass UL94 V0.
Mflam TC100	68333-79-9	Ammonium Polyphosphate base, used for PP, PE, pass UL94 V0.
Mflam 1420	66034-17-1	Piperazine pyrophosphate base, used for GF-PP, PE, pass UL94 V0, with good water resistance.
Mflam 1430	66034-17-1	Piperazine pyrophosphate base, used for GF-PP, PE, pass UL94 V0, with good water resistance.
Mflam 1520	66034-17-1	Piperazine pyrophosphate base, used for GF-PP, PE, pass UL94 V0, with good water resistance and higher thermal stability, better anti-aging performance
Mflam 1530	66034-17-1	Piperazine pyrophosphate base, used for GF-PP, PE, pass UL94 V0, with good water resistance and higher thermal stability, better anti-aging performance
Mflam AMH-01S	7784-22-7	Aluminum hypophosphite base, eco-friendly high efficient flame retardant for PP only, dosage around 1-5% pass UL94 V2.







### Halogen free flame retardant for PA6, PA66, PBT

Product	CAS No.	Feature
Mflam ADP	225789-38-8	Pure powder of Aluminum Diethyl Phosphinate.
Mflam FR-35	225789-38-8	Fine Aluminum Diethyl Phosphinate, with particle size: D50 (µm)<3.
Mflam LX-15	225789-38-8	ADP base, used for glass fiber reinforced PA6, PA66, cost-effective. Dosage 16-18% pass UL94 V0, 1.6mm.
Mflam FR-13	225789-38-8	ADP base, used for both glass fiber reinforced and unfilled PA6, PA66. Dosage 14-16% pass UL94 V0, 1.6mm in glass fiber reinforced PA6, PA66.
Mflam HC-16	225789-38-8	ADP base, used for both glass fiber reinforced and unfilled PA6, PA66, PBT. Dosage 14-16% pass UL94 V0, 1.6mm in glass fiber reinforced PA6, PA66. 18-22% pass UL94 V0, 1.6mm in PBT.
Mflam FR-14	225789-38-8	ADP base, used for both glass fiber reinforced and unfilled PA6, PA66. Dosage 14-16% pass UL94 V0, 1.6mm in glass fiber reinforced PA6, PA66. Melamine free.
Mflam RP 601	7723-14-0	Red phosphorus Masterbatch for PA6, PA66, PBT, phosphorus content ≥60%.
Mflam RP 705	7723-14-0	Red phosphorus Masterbatch for PA6, PA66, PBT, phosphorus content ≥70%.
Mflam MCA	37640-57-6	Melamine Cyanurate for pure PA6/PA66.
Mflam MPP	218768-84-4	Melamine Polyphosphate, usually used as synergist for glass fiber reinforced PA6, PA66, PBT etc.

### Full range of MCA grades

Product	CAS No.	Feature
Mflam MCA8	37640-57-6	Melamine Cyanurate powder. For pure PA6, PA66, dosage 10-15% pass UL94 V0.
Mflam MCA15	37640-57-6	Melamine Cyanurate powder. For pure PA6, PA66, dosage 10-15% pass UL94 V0.
Mflam MCA25	37640-57-6	Melamine Cyanurate powder. For pure PA6, PA66, dosage 10-15% pass UL94 V0.
Mflam MCA50	37640-57-6	Melamine Cyanurate powder. For pure PA6, PA66, dosage 10-15% pass UL94 V0.
Mflam MCA151	37640-57-6	Surface treated special Melamine Cyanurate powder, with perfect surface appearance.
Mflam MC-2	37640-57-6	100% physical compacted Melamine Cyanurate pellet, without any carrier or adhesive. For pure PA6, PA66, dosage 10-15% pass UL94 V0.
Mflam MB MC	37640-57-6	Melamine Cyanurate masterbatch, with active content 50%. For pure PA6, PA66, pass UL94 V0.





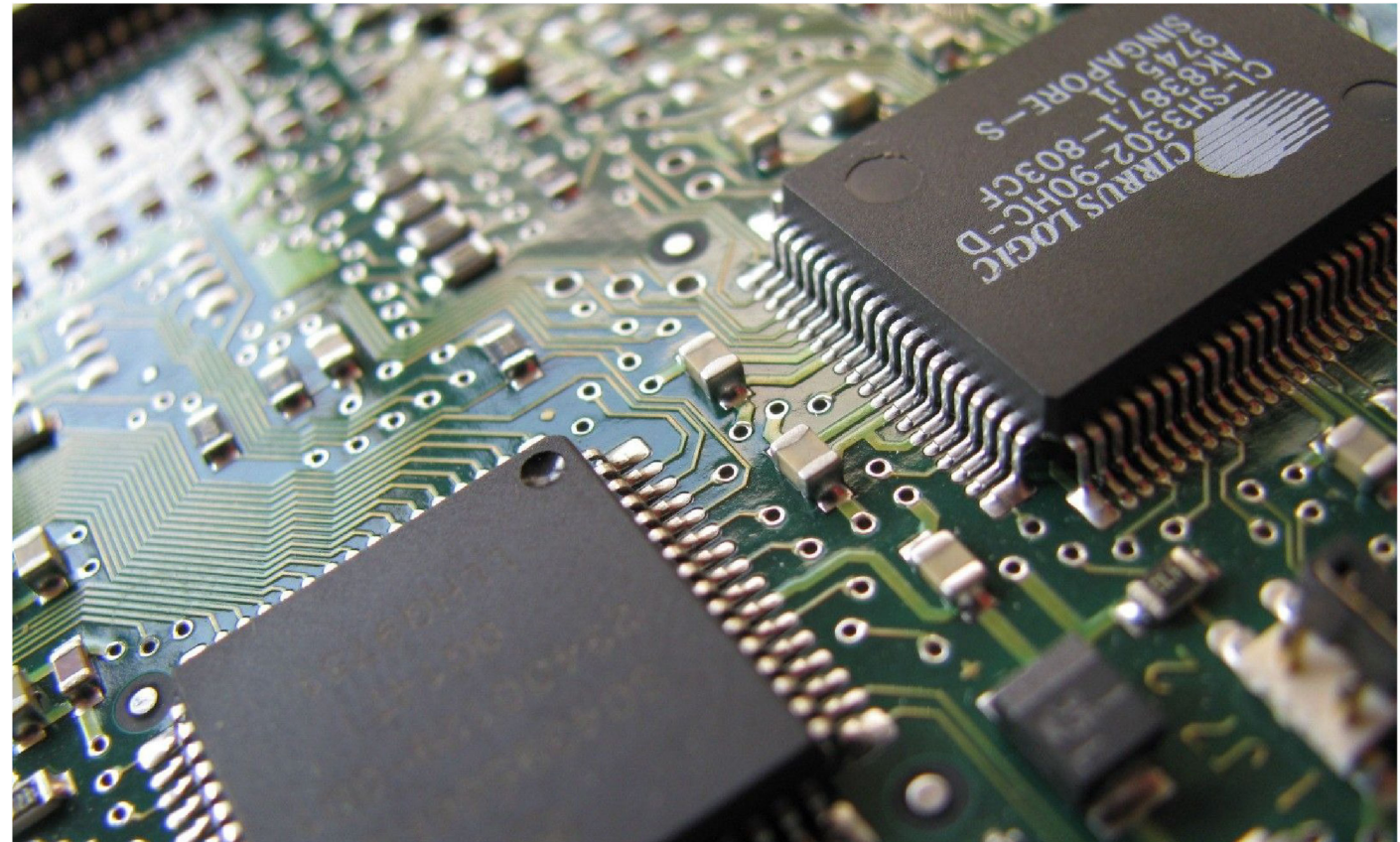


**Halogen free flame retardant for Epoxy Composite & Unsaturated Polyester**

Product	CAS No.	Feature
Mflam DOPO	35948-25-5	DOPO flame retardant used for electrical materials, special functional polymers, epoxy resins, luminescent materials, modified materials, etc.
Mflam DOPO-HQ	99208-50-1	DOPO-HQ flame retardant used for high requirements of electrical materials, special functional polymers, epoxy resins, luminescent materials, modified materials, etc.
Mflam EC-20	99208-50-1	DOPO-HQ based flame retardant suitable for epoxy composite in Prepreg, Potting adhesive;
Mflam EC-21	68333-79-9	Ammonium polyphosphate based flame retardant suitable for epoxy composite in Prepreg, Potting adhesive;
Mflam EC-19	225789-38-8	Aluminum Diethyl Phosphinate based flame retardant suitable for glass fiber epoxy composite.
Mflam FRT-20	37640-57-6	Melamine Cyanurate based flame retardant suitable for glass fiber epoxy composite.
Mflam FRT-22	99208-50-1	DOPO-HQ based flame retardant suitable for glass fiber epoxy composite.
Mflam F112	68333-79-9	Ammonium polyphosphate based flame retardant suitable for Unsaturated Polyester.

**Halogen free flame retardant for elastomer, TPE, PE jacket**

Product	CAS No.	Feature
Mflam TC100XL	68333-79-9	Non halogen FR for polyolefin based elastomer, including TPV, TPE, TPO, etc.
Mflam 1420XL	66034-17- 1	Non halogen FR for polyolefin based elastomer, including TPV, TPE, TPO, etc, water resistance.
Mflam 1920	225789-38-8	Perfect Non halogen FR for elastomer, excellent water resistance.
Mflam MCA151	37640-57-6	Surface treated special Melamine Cyanurate for TPE, with perfect wire surface performance.
Mflam RP 905	7723-14-0	Red phosphorus Masterbatch to be used in different kinds of elastomer TPE, as well as in PE jacket, high efficient, phosphorus content≥70%.
Mflam RP 805	7723-14-0	Red phosphorus Masterbatch to be used in different kinds of elastomer TPE, as well as in PE jacket, economic grade, phosphorus content≥50%.





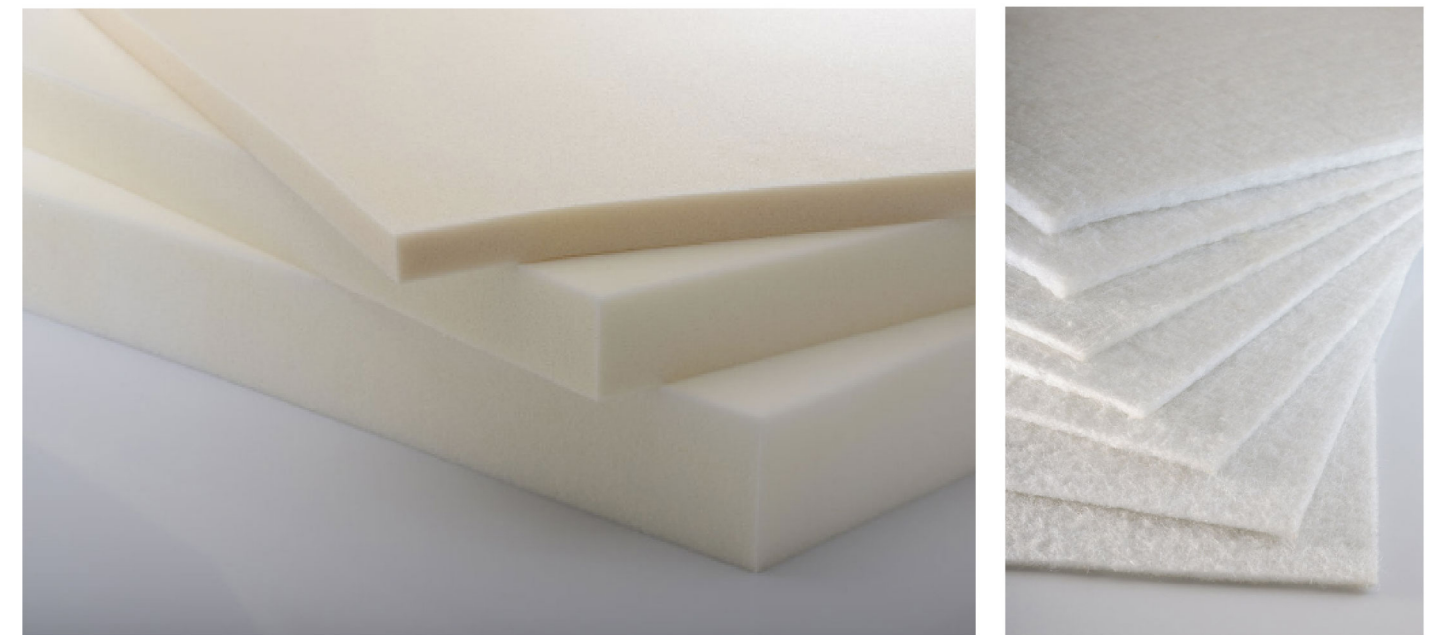


### Halogen free flame retardant for PC/ABS blends

Product	CAS No.	Feature
Mflam BDP	181028-79-5/ 5945-33-5	Halogen free phosphate ester for PC/ABS blends.
Mflam RDP	57583-54-7	Halogen free phosphate ester for PC/ABS blends.
Mflam PX-220	51732-57- 1	White pellet. Halogen free flame retardant for PC/ABS blends,
Mflam PX-200	139189-30-3	White powder. Halogen free flame retardant for PC/ABS blends,
Mflam TPP	115-86-6	White pellet. Halogen free flame retardant for PC/ABS blends,

### Halogen free flame retardant for PU Foam

Product	CAS No.	Feature
Mflam TCPP	13674-84-5	Phosphate ester for PU foam, epoxy resin, etc.
Mflam TDCP	13674-87-8	Phosphate ester for PU foam, epoxy resin, etc.
Mflam TEP	78-40-0	Halogen free phosphate ester for PU foam.
Mflam HF606	Mixture	Halogen free phosphate ester for PU foam.
Mflam DMMP	756-79-6	Dimethyl Methylphosphonate
Mflam DEEP	78-38-6	Diethyl Ethylphosphonate.
Mflam EG	12777-87-6	Expandable Graphite for PU foam.





## Flame Retardant Masterbatch for Polymer

Product	Application	Concentration	Feature
Mflam MB 100	PP, PE	70%	Non-halogen Masterbatch for PP, PE.
Mflam MB1420	PP, PE	70%	Non-halogen Masterbatch for GF-PP, EVA, PE, TPE, TPV etc.
Mflam MB1430	PP, PE	70%	Non-halogen Masterbatch for GF-PP, EVA, PE, TPE, TPV etc.
Mflam MB AMH-01S	PP	40%	Masterbatch for PP to pass UL94-V2.
Mflam MB MC	PA	50%	Non-halogen Masterbatch for pure PA6 , PA66.
Mflam MB LX-15	PA, PBT	40-65%	Non-halogen Masterbatch for glass fiber reinforced PA6, PA66.
Mflam MB HC-16	PA, PBT	40-65%	Non-halogen Masterbatch for glass fiber reinforced PA6, PA66, PBT.
Mflam RP601	PA, PBT	60%	Red phosphorus Masterbatch for PA, PBT.
Mflam RP705	PA, PBT	70%	Red phosphorus Masterbatch for PA, PBT.
Mflam RP801	PP, PE	80%	Red phosphorus Masterbatch for PP, PE.
Mflam MB DBDE	PP, PE, ABS, HIPS	90%	Masterbatch of Decabromodiphenyl Ethane.
Mflam MB ATO	PVC, PP, PE	90%	Masterbatch of Antimony Trioxide.
Mflam MB BT	PP, PE, PA	75-90%	Masterbatch of Decabromodiphenyl Ethane and Antimony Trioxide.
Mflam MB ABS-02	ABS	85%	Masterbatch of Decabromodiphenyl Ethane for ABS.

The carrier and concentration of all above masterbatch products can be customized according to customer's requirements

## Brominated Flame Retardant for Polymers

Product	Equivalent to	CAS No.	Application
Mflam DBDE	Saytex 8010, FR-1410	84852-53-9	Decabromodiphenyl Ethane. ABS, HIPS, PA, TPE, PC, PP, PE, SI, EPDM, EP, PF.
Mflam BDDP	HP-800	21850-44-2	TetraBromoBisphenol A (2,3-Dibromopropyl) ether. PP, HIPS, ABS.
Mflam 130	FR-130	97416-84-7	Tetrabromobisphenol A dual (2,3-dibromo-2-methyl propyl) ether. EPS, XPS, Replace of HBCD.
Mflam TBBA	CP 2000	79-94-7	Terabromobisphenol A. ABS, HIPS, PC, EP, UP, PF.
Mflam TBBPA	-	25327-89-3	Tetrabromobisphenol A bis (allyl ether). EPS, XPS.
Mflam BPS-7	HP7010	88497-56-7	Brominated polystyrene. PA, PET, PBT.
Mflam BPS-3	HP3010	88497-56-7	Brominated polystyrene. PA, PET, PBT.
Mflam BT-93W	Saytex BT-93W	32588-76-4	Ethylene bis(tetrabromophthalimide). ABS, HIPS, TPE, PC, PP, PE, SI, EPDM, EP, PF.
Mflam FR-245	FR-245	25713-60-4	Tri(tribromophenyl) cyanurate. ABS, HIPS.
Mflam 370	FR-370	19186-97-1	Tris(tribromoneopentyl)Phosphate. PP, HIPS, ABS, XPS, Alloys, Adhesives.
Mflam BC-58	BC-58	71342-77-3	Tribromophenyl-terminated tetrabromobisphenol-A carbonate oligomer. PBT, PET, PBT/PET blends, PC, ABS, ABS/PC blends, Polysulfone and SAN.
Mflam BC-52	BC-52	94334-64-2	Phenoxy-Terminated Carbonate Oligomer of Tetrabromobisphenol A. PBT, PET, PBT/PET blends, PC, ABS, ABS/PC blends, Polysulfone and SAN.
Mflam BE	-	68928-70-1	Brominated Epoxy Oligomer. Thermoplastic polyesters PBT, PET, etc.
Mflam ATO	-	1309-64-4	Antimony Trioxide. PVC, PP, PE, PS, ABS, PU, etc.