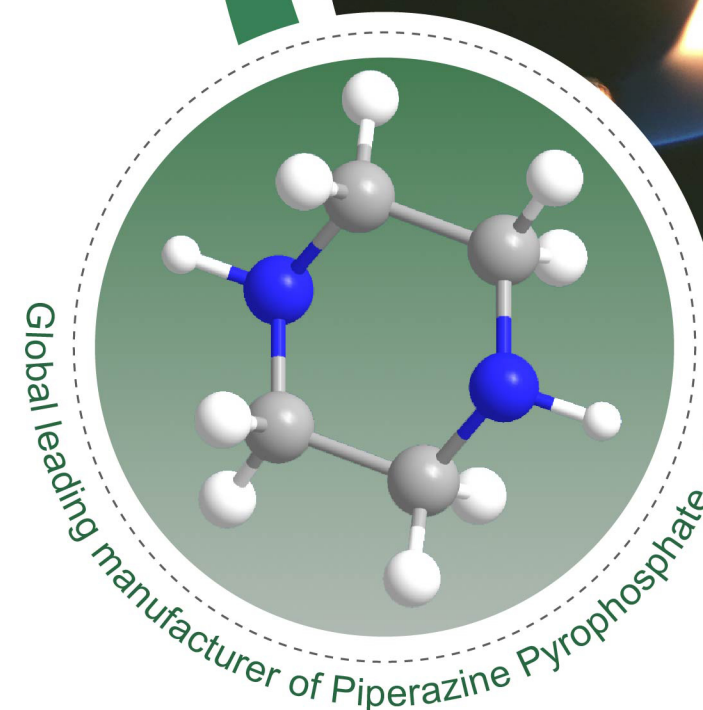




We Love Chemistry



**Polymer Flame Retardant Expert**

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

## Contact us

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## Company Profile

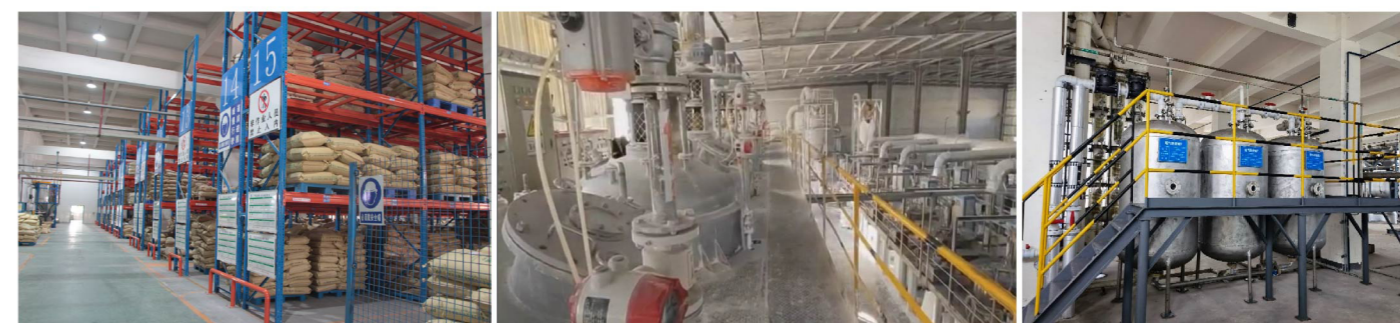
Mei Wang Chemical is an enterprise dedicated to the R&D, production and sales for environmental-friendly chemical additives, we mainly offer cost-effective, high performing and diversified flame retardants for different material systems, such as polymers, intumescent coating, textiles, etc.

Our strong technical support and extensive industry experience offers customized, adapted, top-grade products for customer requests.

We have been providing our flame retardant for over 30 countries and regions overseas, our products are widely applied in automotive parts, home appliance, cable & wire, electronics, construction and building, etc.

Professionalism, Reliability, Concentration defines our business principles, meanwhile the constant innovation is leading us to be the world's leading flame retardant and application technology service solutions provider.

<b>Main Products</b>	Halogen free flame retardant Flame retardant masterbatch Functional compounds
<b>Area of base</b>	Floor area 38501m <sup>2</sup> Covered area 31248m <sup>2</sup>
<b>Production line</b>	8 lines of Twin-Screw production 4 lines of halogen free flame retardant
<b>Capacity</b>	halogen-free flame retardants: 30,000 tons Functional compounds: 20,000 tons Precision injection products: 2000 tons
<b>R&amp;D Team Background and Numbers</b>	PHD (3) Master degree researchers (4) Senior engineers (12) Engineers (28)
<b>Current Employees</b>	126



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## 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 tests, Environmental test Physicochemical test and 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
- Management System
  - IATF 16949:2016
  - REACH Registration
  - RoHS Compliant





## EU-REACH FULL REGISTRATION

### Mflam TC100

Low cost, but perfect performance in polypropylene and polyethylene, 22-28% dosage to achieve UL94-V0.

### Mflam 1420

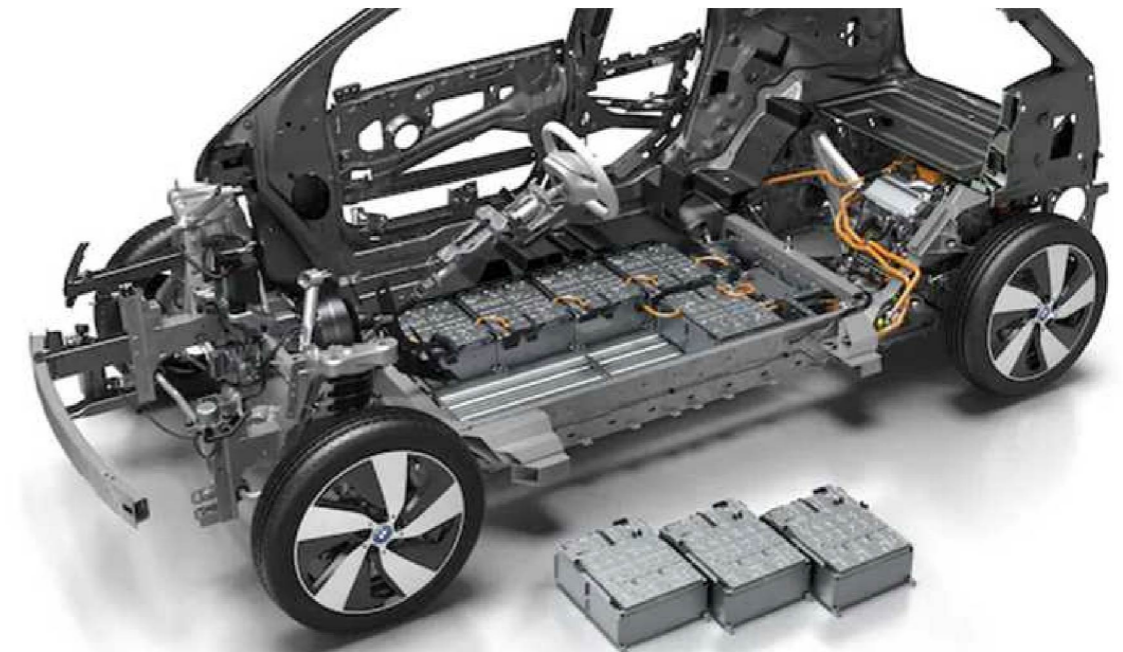
Top seller!  
Best choice in glass fiber polypropylene, high decomposition, water resistance. 21-25% dosage achieve UL94-V0.

### Mflam 1430

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

## Halogen free flame retardants For Polyolefins

Item Name	Equivalent to	CAS No.	Applications & Features
Mflam TC100	≈Budit 669S	68333-79-9	Used for PP/PE, pass UL94-V0.
Mflam 1420	≈Adeka FP 2500S	66034-17-1	Used for GF-PP,PE, pass UL94-V0, with water resistance.
Mflam 1430	Adeka FP 2500S	66034-17-1	Used for GF-PP,PE, pass UL94-V0, with water resistance.
Mflam 1520	Adeka FP 2100JC	66034-17-1	Used for GF-PP,PE, with water resistance and higher thermal stability.
Mflam AP230	Exolit AP422	68333-79-9	Ammonium Polyphosphate for PP, pass UL94-V0.
Mflam AMH-01	Phoslite B631C	7784-22-7	Eco-friendly highly efficient FR especially for PP, to pass UL94-V2.





For PA/PBT

Item Name	Equivalent to	CAS No.	Applications & Features
Mflam ADP	Exolit OP1230	225789-38-8	Pure powder of Aluminum Diethyl Phosphinate.
Mflam LX-15	Exolit OP1312	225789-38-8	Used for glass fiber reinforced PA6/PA66.
Mflam HC-16	Exolit OP1400	225789-38-8	Used for PA6/PA66/PBT, high efficient flame retardant.
Mflam RP 601	-	7723-14-0	Red phosphorus Masterbatch for PA6/PA66/PBT.
Mflam RP 705	-	7723-14-0	Red phosphorus Masterbatch for PA6/PA66/PBT, high efficient flame retardant.
Mflam MCA	Melapur MC	37640-57-6	Melamine Cyanurate for pure PA6/PA66.
Mflam MPP	Melapur 200	218768-84-4	Melamine Polyphosphate for glass fiber reinforced polyolefins/PA/PBT.

## EU-REACH FULL REGISTRATION

### Mflam MCA

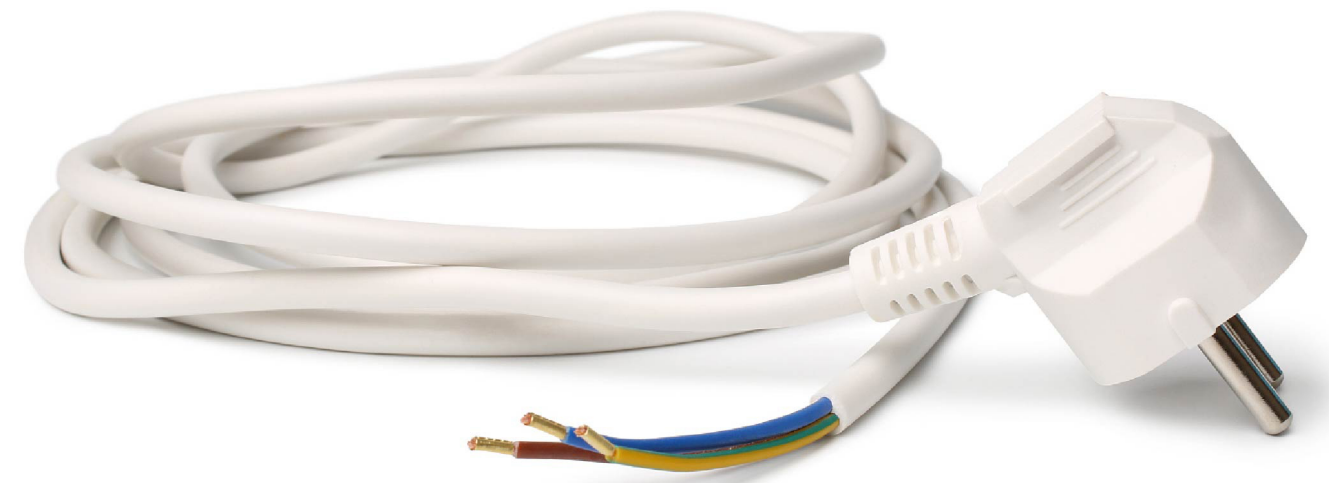
Melamine Cyanurate  
Full range items, MCA15, MCA25, MCA50, MCA151, MB MC, compacted MCA granule, to meet different requirements.

### Mflam MPP

Melamine Polyphosphate  
Good flame retardant for glass fiber reinforced polyamide, as well as perfect synergist in PA and PP.

### Mflam HC-16

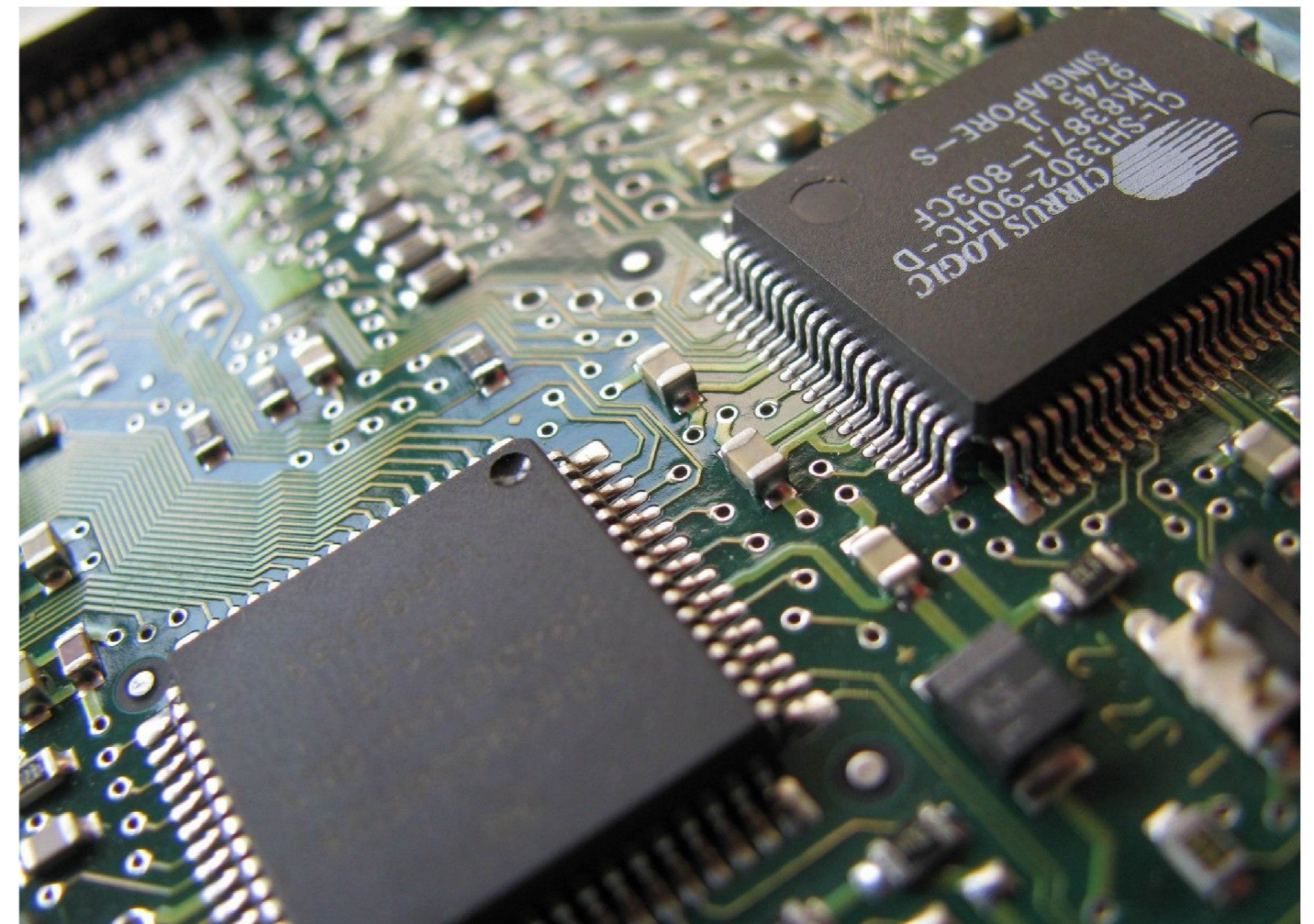
Deapal phosphinates, best flame retardants for glass fiber reinforced PA/PBT.  
12-16% dosage to achieve UL94-V0.





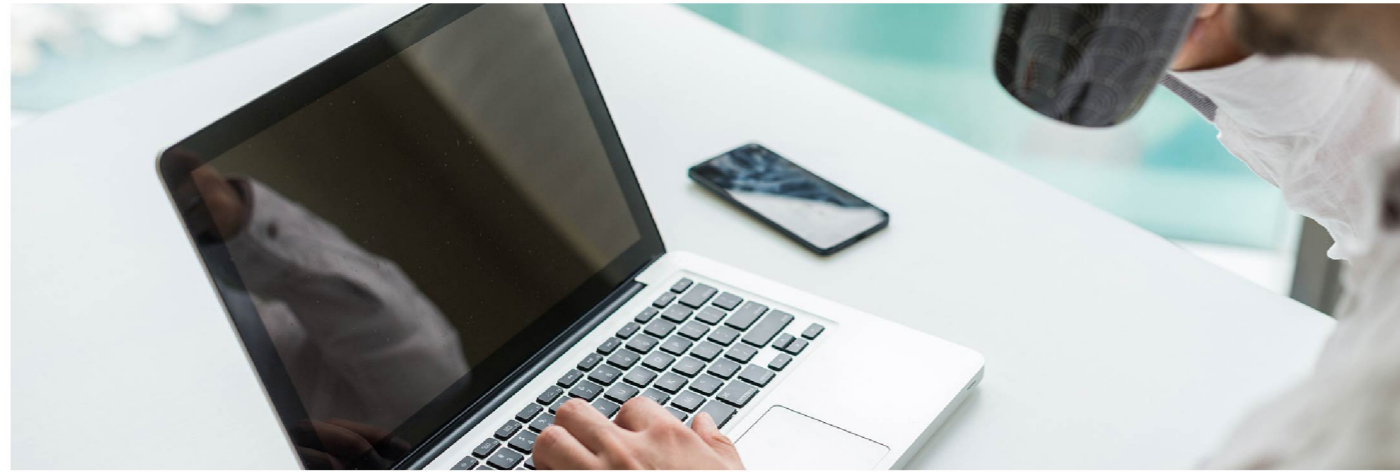
### For Epoxy composite system

Item Name	CAS No.	Applications & Features
Mflam EC-19	225789-38-8	Used for prepreg. Good water resistance.
Mflam EC-20	99208-50-1	Used for prepreg, potting adhesive and coatings.
Mflam EC-21	68333-79-9	Used for potting adhesive and coatings.



### For TPE/TPV/TPO

Item Name.	CAS No.	Applications & Features
Mflam TC100XL	68333-79-9	Non-halogen FR for elastomer, TPE/TPV/TPO, cost-effective.
Mflam 1420XL	66034-17-1	Non-halogen FR for elastomer, TPE/TPV/TPO and EPDM.
Mflam 1920	225789-38-8	Non-halogen FR for elastomer, excellent water resistance, pass VW-01.
Mflam MCA151	37640-57-6	Special Melamine Cyanurate grade for cables&wires made of PA6/PA66.



### For PC/ABS

Product	Equivalent to	CAS No.	Applications & Features
Mflam BDP	Fyrolflex BDP	5945-33-5	Non-halogen phosphate ester for PC/ABS, mPPO, etc.
Mflam RDP	Fyrolflex RDP	57583-54-7	Non-halogen phosphate ester for PC/ABS, mPPO, epoxy resin, etc.
Mflam PX-220	Daihachi's PX-220	51732-57-1	Used for PC and PC/ABS, white pellet.
Mflam PX-200	Daihachi's PX-200	139189-30-3	Used for PC and PC/ABS, white pellet.

### For PU foam

Item Name	CAS No.	Applications & Features
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 HF606	Mixture	Non-halogen phosphate ester for PU foam.
Mflam EG	12777-87-6	Expandable Graphite for PU foam.

### For PVC (Rubber)

Item Name	Equivalent to	CAS No.	Applications & Features
Mflam CDP	-	26444-49-5	Used for flexible PVC epoxy plastic grease, phenolic resin, polyurethane foam, polyurethane electronic potting glue, butyl rubber, etc.
Mflam TCP	-	1330-78-5	Non-halogen FR and plasticizer for flexible PVC epoxy plastic grease, phenolic resin, polyurethane foam, polyurethane electronic potting glue, butyl rubber, etc.
Mflam IPPP	Reofos 50	68937-41-7	Used for flexible PVC as FR and plasticizer, for epoxy plastic resin, phenolic resin, polyurethane soft foam, polyurethane electronic potting glue, butyl rubber, etc.
Mflam ATO		1309-64-4	Antimony trioxide.

### For TPU

Item Name	Equivalent to	CAS No.	Applications & Features
Mflam 1400	Phoslite IP-A	7784-22-7	Aluminum hypophosphite especially for TPU, polyester based.
Mflam 140A	Phoslite IP-A	7784-22-7	Aluminum hypophosphite especially for TPU, polyether based.

## Flame Retardant Masterbatch for Polymers

Item Name	Application	Concentration	Features
MB 100	PP/PE	70%	Non-halogen Masterbatch for PP/PE.
MB1420	PP/PE	70%	Non-halogen Masterbatch for GFPP/EVA/PE/TPE/TPV etc.
MB AMH-01	PP	40%	Masterbatch for PP to pass UL94-V2.
MB MC	PA	50%	Non-halogen Masterbatch for pure PA6 /PA66.
MB LX-15	PA/PBT	40%	Non-halogen Masterbatch for glass fiber reinforced PA6/PA66.
MB HC-16	PA/PBT	40%	Non-halogen Masterbatch for PA6/PA66/PBT.
MB 1400	TPU	50%	Non-halogen Masterbatch for TPU.
MB RP601	PA/PBT	60%	Red phosphorus Masterbatch for PA/PBT.
MB RP705	PA/PBT	70%	Red phosphorus Masterbatch for PA/PBT.
MB RP801	PP/PE	80%	Red phosphorus Masterbatch for PP/PE.
MB DBDE	PP/PE/ABS/HIPS	90%	Brominated Masterbatch of Decabromodiphenyl Ethane.
MB ATO	PVC/PP/PE	90%	Brominated Masterbatch of Antimony Trioxide.
MB ABS-02	ABS	85%	Brominated Masterbatch for ABS.

## Brominated Flame Retardant for Polymers

Product	Equivalent to	CAS No.	Application
Mflam DBDE	Saytex 8010, FR-1410	84852-53-9	ABS, HIPS, PA,TPE, PC, PP, PE, SI, EPDM, EP, PF.
Mflam BDDP	HP-800	21850-44-2	PP, HIPS, ABS.
Mflam 130	-	97416-84-7	EPS, XPS, Replace of HBCD.
Mflam TBBA	CP 2000	79-94-7	ABS, HIPS, PC, EP, UP, PF.
Mflam TBBPA	-	25327-89-3	EPS, XPS.
Mflam BPS-7	HP7010	88497-56-7	PA, PET, PBT.
Mflam BPS-3	HP3010	88497-56-7	PA, PET, PBT.
Mflam BT-93W	Saytex BT-93W	32588-76-4	ABS, HIPS, TPE, PC, PP, SI, EPDM, EP, PF.
Mflam FR-245	FR-245	25713-60-4	ABS, HIPS.
Mflam 370	FR-370	19186-97-1	PP, HIPS, ABS, XPS, Alloys, Adhesives.
Mflam BC-58	BC-58	71342 - 77 - 3	PBT, PET, PBT/PET blends, PC, ABS, ABS/PC blends, Polysulfone and SAN.
Mflam BC-52	BC-52	94334 - 64 - 2	PBT, PET, PBT/PET blends, PC, ABS, ABS/PC blends, Polysulfone and SAN.
Mflam BE	Brominated Epoxy Oligomer	68928-70-1	Thermoplastic polyesters PBT, PET, etc.
Mflam ATO	-	1309-64-4	PVC, PP, PE, PS, ABS, PU, etc.