



Flame Retardants

Giving Life to Plastic

Flame Retardants

| Code | LDR % | Description | Notes |
|------------------------------|----------|---|-------|
| Sheets & Profiles | | | |
| FR 0I980 PP | 3 – 5% | Halogen free flame retardant MB. Suitable for HPP and CPP items. | |
| | | Halogen free according to German Electrotechnical Industry Standard DIN 57472. Provides flame retardancy according to EN 50086, UL-94, DIN 4102 B2, EN 13501-1 Euroclass E. Conforms with RoHS and VDA 232-101. | |
| FR 0D200 LL | 3 – 15% | Brominated flame retardant with synergist for ABS & HIPS sheets | |
| | | Provides flame retardancy according to LPS 1207, FMVSS 302, UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E. | |
| FR 0E520 UNA | 20 – 25% | Brominated flame retardant with synergist for ABS & HIPS sheets | |
| | | Innovative flame retardant MB based on eco friendly polymeric active ingredients. Provides flame retardancy according to UL 94 V0 and 5V. | |
| FR 0M09B ABS | 25 – 26% | Brominated flame retardant with synergist for ABS & HIPS sheets | |
| | | Provides flame retardancy according to UL 94 V0 and 5V, awards matt surface to the sheets. | |
| FR 0K750 ABS | 25 – 26% | Brominated flame retardant with synergist for ABS & HIPS sheets | |
| | | Provides flame retardancy according to UL 94 V0 and 5V, awards glossy surface to the sheets. | |

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| Films & Tapes | | | |
| FR 0K580 LL | 3.5 – 5% | Halogen free flame retardant suitable for LDPE and HDPE films & tapes | |
| | | Provides flame retardancy according to NFPA 701, FMVSS 302, UL-94, DIN 4102 B2 resp. EN 13501-1 Euroclass E. Conform with RoHS and VDA 232-101. | |
| FR 07062 LD | 3 – 25% | Brominated flame retardant with synergist for injection molded or extruded Polyolefin items | |
| | | Provides flame retardancy according to FMVSS 302, UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E. Conforms with RoHS and VDA 232-101. | |
| FR 07174 LD | 8 – 12% | Unique halogen free flame retardant MB for films | |
| | | Provides flame retardancy according to FMVSS 302, UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E. Conforms with RoHS and VDA 232-101. | |
| FR 0C390 LD | 3 – 25% | Brominated flame retardant with synergist for injection molded or extruded Polyolefin items | |
| | | Provides flame retardancy according to FMVSS 302, UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E. | |

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| Injection Molding | | | |
| FR 01980 PP | 3 – 5% | Halogen free flame retardant MB. Suitable for HPP and CPP extruded and injected parts. | |
| Provides UL 94 V2 at 1.6 mm & DIN 4102 B2. Halogen free according to German Electrotechnical Industry Standard DIN 57472. | | | |
| FR 04530 PC | 2 – 4% | Halogen free flame retardant MB. Suitable for translucent Polycarbonate applications. | |
| Provides UL 94 V0 at 0.8 mm. Halogen free according to German Electrotechnical Industry Standard DIN 57472. | | | |
| FR 0K520 PC | 8 – 12% | Halogen free flame retardant MB. Suitable for translucent Polycarbonate applications. | |
| Provides UL 94 V0 at 0.8 mm. Halogen Free according to German Electrotechnical Industry Standard DIN 57472. | | | |
| FR 0H120 PP | 5 – 15% | Brominated flame retardant, Antimony free, suitable for translucent applications | |
| Provides UL 94, GWT, DIN 4102 B1 & B2, LPS 1207. Slight influence on optical properties of the polymer. | | | |
| FR 0D200 LL | 3 – 5% | Brominated flame retardant with synergist | |
| Provides UL 94, GWT, DIN 4102 B1 & B2, LPS 1207. Available in different colors, black, grey, blue. | | | |

Fibers

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| FR 07087 PP | 1.5 – 5% | Halogen free flame retardant for transparent thin-walled Polyolefin items as films and non-wovens | |
| Provides flame retardancy according to FMVSS 302 or DIN 4102 B2 resp. EN 13501-1 Euroclass E. | | | |
| FR 0H120 PP | 5 – 9% | Brominated flame retardant for transparent thin-walled PP items such as films, non-wovens and BCF PP fibers. Does not contain Antimony. | |
| Provides flame retardancy according to UL 94, FMVSS 302 or DIN 4102 B2 resp. EN 13501-1 Euroclass E. | | | |

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| Foams | | | |
| FR 07111 LD | 3 – 18% | Chlorinated flame retardant with synergist for polyolefin films and foams | |
| Provides flame retardancy according to UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E. Conform with RoHS and VDA 232-101. | | | |
| FR 00091 LD | 7 – 25% | Brominated flame retardant with synergist for chemically foamed XLPE | |
| Provides flame retardancy according to UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E. | | | |
| FR 0J000 LD | 7 – 25% | Brominated flame retardant with synergist for chemically foamed XLPE | |
| Provides flame retardancy according to UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E. Conforms with RoHS and VDA 232-101. Effective FR specially designed for foamed XLPE sheets. | | | |
| FR 0244A PP | 2 – 15% | Brominated flame retardant with synergist for PP foams | |
| Provides flame retardancy according to FMVSS 302, UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E. | | | |
| FR 0I682 PS | 2 – 5% | Brominated flame retardant for extruded PS foams (XPS) | |
| Designed for Euroclass E, DIN 4102 B1, B2 and French standard M1 in foamed PS sheets. | | | |
| FR 0K340 PS | 1 – 3% | Brominated flame retardant with synergist for extruded PS foams (XPS) | |
| Designed for Euroclass E, DIN 4102 B1, B2 and French standard M1 in foamed PS sheets. | | | |

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| Pipes | | | |
| FR 0I980 PP HFFR | 3 – 5% | Halogen free flame retardant MB. Suitable for HPP and CPP items. | |
| Halogen free according to German Electrotechnical Industry Standard DIN 57472. Provides flame retardancy according to EN 50086, UL-94, DIN 4102 B2, EN 13501-1 Euroclass E. Conforms with RoHS and VDA 232-101. | | | |
| FR 07111 LD | 3 – 18% | Chlorinated flame retardant with synergist for Polypropylene pipes | |
| Provides flame retardancy according to EN 50086, UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E. Conforms with RoHS and VDA 232-101. | | | |
| FR 93480 LD | 2.5 – 4% | Brominated flame retardant. Grey colour RAL 7037. RoHS approved. | |
| Provides flame retardancy according to EN 50086, UL-94, DIN 4102 B1 and B2 resp. EN 13501-1 Euroclass E. Conforms with RoHS and VDA 232-101. Available in additional colors e.g. blue, black, etc. | | | |
| FR 0J270 LL | 6 – 8% | Brominated flame retardant with synergist | |
| Low Halogen natural version, for corrugated PP pipes. | | | |
| FR 99950 LL GREY | 6 – 8% | Brominated flame retardant with synergist | |
| Low Halogen grey color according to RAL 7037 for corrugated PP pipes. | | | |

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| Compounds | | | |
| FR 04530 PC | 2 – 4% | Halogen free flame retardant MB for Polycarbonate | |
| Provides UL 94 V0 at 1.6 mm. Halogen free according to German Electrotechnical Industry Standard DIN 57472. Suitable for translucent Polycarbonate applications. | | | |
| FR 0K520 PC | 8 – 10% | Halogen free flame retardant MB for Polycarbonate | |
| Provides UL 94 V0 at 0.8 mm. Halogen free according to German Electrotechnical Industry Standard DIN 57472. Suitable for translucent Polycarbonate applications. | | | |
| FR 0J060 UNI | 5 – 25% | Highly concentrated brominated flame retardant with synergist for injection molded or extruded Polyolefin items | |
| Suitable for a wide range of polymers, Polyolefins, styrenics, PBT, PA. Total concentration of 90%. RoHS approved. | | | |
| FR 0F510 SAN | 13 – 16% | Brominated flame retardant MB for PC/ABS. Sb2O3 free. | |
| Provides UL 94 V0 & 5V at 1.6 mm. RoHS approved. | | | |



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Kafrit

Kafrit Industries (1993) Ltd

Kibbutz Kfar-Aza, M.P. Negev, 85142, Israel

Tel: +972-8-6809845

Fax: +972-8-6809846

kafr@kafr.it.co.il

www.kafr.it.com

CONSTAB

CONSTAB Polyolefin Additives GmbH

D-59602 R then Industriestra e M hnetal 16

Tel: +49 2952819121

Fax: +49 29523140

info@constab.com

www.constab.com

SUZHOU CONSTAB (Partnership)

Suzhou Constab Engineering Plastics Co. LTD

Yingyan Road(E), Tongli Town, Wujiang,
Jiangsu, P.R. China.

Tel: +86-512-63331654 / 63336478

Fax: +86-512-63336987

Postcode: 215217

info@constab.cn

www.constab.cn

SILON (Partnership)

Silon compounds Ltd.

5411-275th Street, Langley
British Columbia, Canada, V4W 3X8

Tel: +604-607-6730

Fax: +604-607-6736

www.silon.ca

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