

IOAP
masterbatch

plastic additives



Reference	Compatibility	Active ingredient	% Additive	% Use	Food use 10/2011EU	Application / Remarks
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UV PROTECTORS

Act as UV radiation inhibitors and light stabilisers.

CROMOFIX 50B029	PVC	UV absorber	10	1-3	No	Plastic-coated PVC articles.
CROMOFIX 50S10	Transparent rigid PVC	UV absorber	15	2-3	Yes*	Rigid PVC bottles / Protection of contents.
CROMOFIX 50070	POLYOLEFINS	Polymeric HALS	20	1-3	Yes*	General use in low-thickness articles (film, raffia, sheet).
CROMOFIX 50207	POLYOLEFINS	High efficiency oligomeric HALS	20	1-3	Yes*	General use in low-thickness articles (film, raffia, sheet).
CROMOFIX 50326	POLYOLEFINS	Polymeric HALS	9	2-5	Yes*	General use in low-thickness articles (film, raffia, sheet) and corrugated tubes.
CROMOFIX 50024	HDPE	HALS Mixture / Antiox.	15	3	Yes*	Injection-moulded articles.
CROMOFIX 50B016	POLYOLEFINS	Monomeric HALS / Antiox.	23	3	No	Corrugated tubes.
CROMOFIX 50B017	POLYOLEFINS	UV absorber / HALS / Antiox.	20	3	No	Agricultural film in contact with chemical agents.
CROMOFIX 50A31	POLYOLEFINS	UV absorber / HALS	22	3-4	No	Monofilament in contact with chemical agents.
CROMOFIX 50B047	POLYOLEFINS	Polymeric HALS	40	1-3	Yes*	Injection-moulded articles.
CROMOFIX 50441	POLYOLEFINS	UV absorber	10	1-3	Yes*	Polyethylene bottles. / Protection of contents.
CROMOFIX 50117	PP	Polymeric HALS	20	1-3	Yes*	Injection-moulded articles.
CROMOFIX 794360	POLYOLEFINS	UV absorber	25	1-2	Yes*	Injection-moulded articles, polyolefin bottles. / Protection of contents.
CROMOFIX 792930	POLYOLEFINS	Polymeric HALS	20	2	Yes*	Injection-moulded articles, monofilament.
CROMOFIX 750C022	POLYOLEFINS	Monomeric HALS UV absorber / Antiox.	10	2-4	No	Injection-moulded articles.
CROMOFIX 793797	POLYOLEFINS	HALS Mixture	20	2-4	Yes*	Injection-moulded articles.
CROMOFIX 50234	PET-PETG	UV absorber	10	1-2	Yes*	PET bottles, PET or PETG sheet. / Protection of contents.
CROMOFIX 50B005	PET-PETG	UV absorber	10	2	Yes*	PET bottles, PET or PETG sheet. / Protection of contents and non-yellowing.
CROMOFIX 80379	PET	UV absorber	5	1-2	Yes*	PET bottles.
CROMOFIX 50B003	PET	UV absorber	20	2-4	Yes*	PET sheet.
CROMOFIX 50B002	PA6	HALS Mixture / Antiox.	27	3	Yes*	Injection-moulded articles.
CROMOFIX 90891	PA6	Oligomeric HALS / Antiox.	25	3	Yes*	Injection-moulded articles.
CROMOFIX 794463	PA6	HALS Mixture / UV absorber	20	2-6	No	Injection-moulded articles.
CROMOFIX 50B014	PC	UV absorber	40	2	No	Injection-moulded articles.
CROMOFIX 50B056	PC	UV absorber	40	4	No	Injection-moulded articles, sheet.
CROMOFIX 794120	PC	UV absorber	15	2	No	Injection-moulded articles.
CROMOFIX 50013	PS	Monomeric HALS / UV absorber	20	3-5	No	Injection-moulded articles.
CROMOFIX 794383	ABS	HALS Mixture / Antiox.	16	4	No	Injection-moulded articles. / Thermal stabiliser.
CROMOFIX 50097	ABS	Monomeric HALS / UV absorber	20	3	No	Injection-moulded articles.
CROMOFIX 50098	POM	Oligomeric HALS / UV absorber	20	3	No	Injection-moulded articles.
CROMOFIX 750C083	POM	Oligomeric HALS / UV absorber	13	4	Yes*	Injection-moulded articles.
CROMOFIX 50147	TPU	UV absorber / Antiox.	30	1-2	Yes*	Injection-moulded articles.
CROMOFIX 750C088	TPU	Monomeric HALS / UV absorber	24	2	No	Injection-moulded articles.
CROMOFIX 50B030	UNIVERSAL	Monomeric HALS	15	3	No	Injection-moulded articles.

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ANTIOXIDANTS / THERMAL STABILISERS

Thermally stabilise polymers during processing and provide long-term thermal protection

CROMOFIX 50100	POLYOLEFINS	Phenolic antioxidant	10	1-3	Yes	Film, bottles and injection-moulded articles. / Long-term stabiliser.
CROMOFIX 50179	POLYOLEFINS	Phenolic antioxidant	30	1-2	Yes	Film, bottles and injection-moulded articles. / Long-term stabiliser.
CROMOFIX 50325	POLYOLEFINS	Phenolic antiox./ Metal deactivator	20	1-2	No	Hot water pipes, electricity sockets and connectors with metal parts. / Avoids polymer ageing through action of metal ions.
CROMOFIX 50066	POLYOLEFINS	Phenolic antiox./ Met. deact./HALS	34	1-2	No	Hot water pipes, electricity sockets and connectors with metal parts, especially outdoors. / Avoids polymer ageing through action of metal ions.
CROMOFIX 750C042	POLYOLEFINS	Phenolic antiox. / Organic phosphite	8	1-2	Yes	Film, bottles and injection-moulded articles. / Process and long-term stabiliser.
CROMOFIX 50175	PP	Phenolic antiox. / Organic phosphite	10	1-3	Yes	Film, bottles and injection-moulded articles. / Process and long-term stabiliser.
CROMOFIX 50006	PP	Phenolic antiox. / Organic phosphite	23	1-3	No	Hot water pipes, electricity sockets and connectors with metal parts. / Avoids polymer ageing through action of metal ions.
CROMOFIX 50473	PA6	Phenolic antiox./ Organic phosphite	15	1-3	No	Film, bottles and injection-moulded articles. / Process and long-term stabiliser.
CROMOFIX 750C067	PA6	Phenolic antioxidant.	5	1-3	No	Film, bottles and injection-moulded articles. / Long-term stabiliser.
CROMOFIX 750C073	PA6	Phenolic antiox./ Organic phosphite	25	1	No	Film, bottles and injection-moulded articles. / Process and long-term stabiliser.
CROMOFIX 750C029	PC	Organic phosphite	10	1-2	No	Film, bottles and injection-moulded articles. / Process stabiliser.
CROMOFIX 750C023	ABS	Phenolic antioxidant	15	2-4	No	Film, bottles and injection-moulded articles. / Long-term stabiliser.

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ANTI-BLOCK AGENTS

CROMOFIX 50078	POLYOLEFINS	Natural silica	50	1-2	Yes	Polyethylene film.
CROMOFIX 50B400	POLYOLEFINS	Natural silica	20	1-4	Yes	Polyethylene film.
CROMOFIX 50455	EVA	Synthetic silica	20	1-3	No	Film.
CROMOFIX 50809	PET	Synthetic silica	10	1-4	Yes*	PET sheet.

Roughen sheet surface slightly to prevent adhesion between layers.

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LUBRICANTS (SLIP) / DEMOULDING AGENTS

CROMOFIX 50090	POLYOLEFINS	Purified erucamide	10	0.5-1,5	Yes*	Film, polyethylene sheet and injection-moulded articles. / Demoulding agent.
CROMOFIX 50124	POLYOLEFINS	Fluorine compound	3	1,5-4	Yes*	Film, polyethylene sheet and injection-moulded articles. / Prevents melt fracturing.
CROMOFIX 50B406	EVA	Purified oleamide	5	0.5-2	Yes*	Film, polypropylene sheet and injection-moulded articles. / Demoulding agent.
CROMOFIX 50119	UNIVERSAL	Stearyl erucamide	10	0.5-1,5	No	Film, technical polymer sheet.
CROMOFIX 50118	STYRENIC AGENTS	Glycerol monostearate	10	0.5-2	Yes*	Styrenic polymer sheet/ Improves slip properties of sheet.

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LUBRICANTS (SLIP) / ANTI-BLOCK AGENTS

CROMOFIX 50772	POLYOLEFINS	Natural silica, purified erucamide	40	1	Yes*	Film, polyolefin sheet.
CROMOFIX 50773	POLYOLEFINS	Natural silica, purified erucamide	16	0.5-2	Yes*	Film, polyolefin sheet.
CROMOFIX 50835	PET	Partial polyol ester and talc	15	2	Yes*	PET sheet.
CROMOFIX 50840	PET	Partial polyol ester and talc	16	0.5-2	Yes*	PET sheet, maximum transparency.
CROMOFIX 50845	PETG	Partial polyol ester	13	0.5-2	Yes*	PET sheet, injection-moulded articles.
CROMOFIX 50B403	TPU	Talc	30	2	No	Injection-moulded articles.

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FLAME RETARDANT AGENTS

CROMOFIX 50B918	PVC	Antimony trioxide (Sb ₂ O ₃)	80	7-10	No	Sheet, injected PVC parts: Provides PVC compounds with antimony trioxide acting in synergy with Cl.
CROMOFIX 50014	PP	Halogen-free flame retardant	30	3-4	No	Film, sheet, injection-moulded articles.
CROMOFIX 50015	POLYOLEFINS	Halogen-free flame retardant	30	3-4	No	Film, sheet, injection-moulded articles.
CROMOFIX 50909	POLYOLEFINS	Aromatic halogen compound + Sb ₂ O ₃	80	**	No	Film, sheet, injection-moulded articles.
CROMOFIX 50941	POLYOLEFINS	Antimony trioxide (Sb ₂ O ₃)	80	**	No	Tubes and extrusion profiles.
CROMOFIX 50952	PA6	Melamine cyanurate	50	25	No	Tubes, injection-moulded articles.
CROMOFIX 50B902	PC	PTFE	10	1	No	Injection-moulded articles.
CROMOFIX 50B946	UNIVERSAL	Aromatic halogen compound + Sb ₂ O ₃	80	**	No	Injection-moulded articles.

**According to degree of fireproofing

ANTI-STATIC AGENTS

CROMOFIX 50037	POLYOLEFINS	Ethoxylated amine	10	1-3	Yes*	Film, sheet, bottles, injection-moulded articles.
CROMOFIX 50048	POLYOLEFINS	Ethoxylated amines and fatty acid ester	20	3	Yes*	Film, sheet, bottles, injection-moulded articles. / High efficiency.
CROMOFIX 50152	POLYOLEFINS	Glycerol monostearate	10	1-3	Yes*	Film, sheet, bottles, injection-moulded articles. / Short-term efficiency.
CROMOFIX 50452	PP	Ethoxylated amines and fatty acid ester	20	3	Yes*	Film, sheet, bottles, injection-moulded articles. / High efficiency.
CROMOFIX 50B205	POLYOLEFINS	Ethoxylated amine	5	5	Yes*	Film.
CROMOFIX 750C050	POLYOLEFINS	Ethoxyl. am. and glycerol monostearate	20	1,5-2	Yes*	Injection-moulded articles.
CROMOFIX 794253	POLYOLEFINS	Ethoxyl. am. and glycerol monostearate	100	0,3	Yes*	Rotomoulding.
CROMOFIX 750C048	PC	Alkane sulphonate	20	5-10	No	Injection-moulded articles.
CROMOFIX 50B201	PETG	Alkane sulphonate	20	3	Yes*	PET sheet.
CROMOFIX 50B206	ABS	Alkane sulphonate	40	5	No	Injection-moulded articles.

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ANTI-MICROBE AGENTS

Prevent proliferation of bacteria, fungi and algae.

CROMOFIX 50B600	POLYOLEFINS	Silver zeolite	15	2-4	Enquiries	Film.
CROMOFIX 50B603	POLYOLEFINS	Silver compound	20	2-3	Enquiries	Extruded tubes.
CROMOFIX 50B611	POLYOLEFINS	Silver compound	20	5	Enquiries	Injection-moulded articles. / Polyolefin extrusion.
CROMOFIX 50B613	POLYOLEFINS	Silver compound	25	4	Enquiries	Injection-moulded articles.
CROMOFIX 50B614	POLYOLEFINS	Silver compound	25	4	Enquiries	Injection-moulded articles.
CROMOFIX 50B615	POLYOLEFINS	Silver compound	25	4	Enquiries	Injection-moulded articles.
CROMOFIX 50624	ABS	Silver compound	30	5	Enquiries	Injection-moulded articles.
CROMOFIX 50B610	PA6	Silver compound	20	2	Enquiries	Injection-moulded articles.

FRAGRANCES

Scent finished product.

CROMOFIX 50B004	POLYOLEFINS	Marine	10	5	No	Film, injection-moulded articles.
CROMOFIX 50B013	POLYOLEFINS	Vanilla	10	5	No	Film, injection-moulded articles.
CROMOFIX 50461	POLYOLEFINS	Mint	10	5	No	Film, injection-moulded articles.
CROMOFIX 50462	POLYOLEFINS	Pine	10	5	No	Film, injection-moulded articles.
CROMOFIX 50463	POLYOLEFINS	Gardenia	10	5	No	Film, injection-moulded articles.
CROMOFIX 50464	POLYOLEFINS	Strawberry	10	5	No	Film, injection-moulded articles.
CROMOFIX 50465	POLYOLEFINS	Cinnamon	10	5	No	Film, injection-moulded articles.
CROMOFIX 50466	POLYOLEFINS	Apple	10	5	No	Film, injection-moulded articles.
CROMOFIX 50467	POLYOLEFINS	Lavender	10	5	No	Film, injection-moulded articles.
CROMOFIX 50468	POLYOLEFINS	Lemon	10	5	No	Film, injection-moulded articles.
CROMOFIX 50469	POLYOLEFINS	Orange	10	5	No	Film, injection-moulded articles.
CROMOFIX 50B105	POLYOLEFINS	Wine	10	5	No	Film, injection-moulded articles.
CROMOFIX 50B106	POLYOLEFINS	White wine	10	5	No	Film, injection-moulded articles.

FOAMING AGENTS

Produce lighter cellular materials, increasing their thermal insulation and soundproofing capacity, improving their dielectric properties or modifying their mechanical properties.

CROMOFIX 50430	UNIVERSAL	Azodicarbonamide	40	1-2	No	Film, sheet, injection-moulded articles. This product decomposes at temperatures over 198°, releasing mainly nitrogen.
CROMOFIX 50B500	UNIVERSAL	Sodium bicarbonate	40	2-4	Yes*	Injection-moulded articles. This product decomposes at temperatures over 130°C.

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MASTER-FILLERS

Improve productivity and processing thanks to improved thermal transfer.

CROMOFIX 50054	POLYOLEFINS	Calcium carbonate	75	40	Yes	Film, sheet, injection-moulded articles. / Paper effect on sheet, matt and natural look finishes.
CROMOFIX 30054	POLYOLEFINS	Calcium carbonate	75	2-3	Yes	Film, sheet, injection-moulded articles.
CROMOFIX 790100	UNIVERSAL	Barium sulphate	75	3-15	Yes*	Injection-moulded articles.

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OPAQUING / GLAZING AGENTS

Reduce transparency of plastic parts without reducing luminosity, producing a glazed and/or matt effect.

CROMOFIX 50127	POLYOLEFINS	Inorganic opaquing compound	55	1-2	Yes	Sheet or multi-layer films.
CROMOFIX 50B000	PET	Acrylic compound	35	2-3	Yes*	PET bottles.
CROMOFIX 50B011	PET	Acrylic compound	20	2	Yes*	PET sheet.

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ANTI-DRIP AGENTS

Prevent dripping in articles subjected to high temperatures.

CROMOFIX 50B904	PC	PTFE	10	1	No	Injection-moulded articles.
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ANTI-HYDROLYSIS AGENTS

CROMOFIX 50471	PET	Aromatic organic compound	15	3	No	PET sheet containing recovered material.
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Avoid hydrolysis reactions of PET, stabilising the flow of the extruder.

CLARIFYING / NUCLEATING AGENTS

CROMOFIX 750C027	PP	Clarifying additive	2	2	Yes*	Injection-moulded articles, extrusion blow moulding, thermoforming.
CROMOFIX 750C082	POLYOLEFINS	Nucleating additive	20	0,5-2	Yes*	Injection-moulded articles.

Increase transparency or productivity and quality of the end product.

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ANTI-ODOUR AGENTS

CROMOFIX 50459	POLYOLEFINS	Odour absorber	10	5	Yes*	Film, bottles, injection-moulded articles with recycled material.
CROMOFIX 50B044	PET	Odour absorber	10	5	Yes*	Recycled PET sheet.

Act as odour absorbers; specially effective for the control of volatile chemical substances.

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ANTI-DAMP AGENTS

CROMOFIX 50B612	POLYOLEFINS	Calcium oxide	50	2-5	No	Recovered polyolefins.
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Minimise effects of damp during the processing of plastic materials.

OXO-DEGRADABLE AGENTS

CROMOFIX 750C053	POLYOLEFINS	Mixture of oxidising catalysts	20	1-5	Yes*	Film, injection-moulded articles.
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Render polymer oxo-biodegradable

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LASER MARKERS

CROMOFIX 50B101	POLYOLEFINS	Mica covered with a layer of tin oxide	25	2	Yes	Injection-moulded articles. / Black laser marker.	
CROMOFIX 50B102	POLYOLEFINS	Mica covered with a layer of tin oxide	35	2	Yes	Injection-moulded articles. / White laser marker.	
CROMOFIX 794210	POLYOLEFINS	Mica covered with a layer of tin oxide	10	1-4	Yes*	Injection-moulded articles. / Black laser marker.	
CROMOFIX 50B023	ABS	Phosphorus metal components	30	3	No	Injection-moulded articles. / White laser marker.	
CROMOFIX 750C044	ABS	Mica covered with a layer of tin oxide	10	1-3	No	Injection-moulded articles. / Black laser marker.	
CROMOFIX 792328	PA6	Mica covered with a layer of tin oxide	20	2	No	Injection-moulded articles. / White laser marker.	
CROMOFIX 794105	TPU and PA6	Mica covered with a layer of tin oxide	15	2	Yes*	Injection-moulded articles. / Black laser marker.	
CROMOFIX 750C068	PC	Mica covered with a layer of tin oxide	5	2	No	Injection-moulded articles. / White laser marker.	
CROMOFIX 59B000	UNIVERSAL	Phosphorus metal components	30	3	No	Injection-moulded articles. / Black laser marker.	
CROMOFIX 50307	UNIVERSAL	Phosphorus metal components	35	3	No	Injection-moulded articles. / White laser marker.	

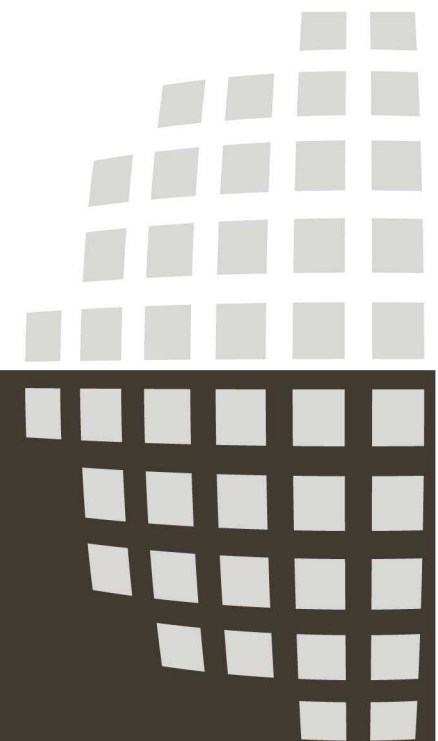
Enable character marking of plastic parts.

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DISCLAIMER

The data and information presented herein are based on IQAP's current knowledge and experience. They do not constitute the agreed contractual quality of the product and are provided for guidance only. As many factors might affect processing and application of the product, IQAP recommends that customers carry out their own tests and controls to assess the suitability of a product for a particular purpose prior to use. No warranties of any kind are made regarding products described, data or information set forth herein. All descriptions, data and information given in this catalogue may change without prior notice. IQAP assumes no liability for the data and information given or results obtained.





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