



Masterad[®] Additive Masterbatches

Masterad[®] Additive Masterbatches improve and enhance the physical and chemical properties of plastics. A group of additives provides protection during the production of plastics, such as Antioxidants, Slip & Lubricating Agents, Antistatics and Process Aids. Other additives protect plastic products when exposed to light, improve their appearance and odour, limit their flammability, such as UV Stabilizers & Absorbers, Antifog, Deodorants, Fragrances, Desiccants, Flame Retardants etc.

Our company offers a wide range of proven formulas that cover most plastics applications. **Masterad[®] Additive** Masterbatches contain additives of internationally well-known suppliers that are finely dispersed in our state of the art production lines, in various carefully chosen, polymer carriers. In addition to our standard range, we can design customised products meeting customers' technical requirements.

| Product description | | | |
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| Code | Carrier | Additive % | Features & Applications |
| Masterad[®] UV Stabilizer | | | |
| AD-006L | PE | 10.5 | HALS-3 for polyolefin molded products. |
| AD-007L | PE | 15.5 | HALS-3 for polyolefin films and tapes and molded products. |
| AD-008L | PE | 20.5 | HALS-3 for polyolefin films and tapes and molded products. |
| AD-0831L | PE | 10.5 | Blend of 1:1 HALS-2 and HALS-3 for polyolefin films, tapes and molded products. |
| AD-083L | PE | 20.5 | Blend of 1:1 HALS-2 and HALS-3 for polyolefin films, tapes and molded products. |
| AD-083LS | PE | 20.5 | Blend of 1:1 HALS-2 and HALS-3 for polyolefin films, tapes and molded products. Contains special lubricant to minimise die build up |
| AD-084L | PE | 20.5 | Blend of HALS-2 and HALS-3 for polyolefin films and tapes |

Product description

| Code | Carrier | Additive % | Features & Applications |
|--------------------------------|----------------|-------------------|---|
| Masterad® UV Stabilizer | | | |
| AD-0111L | PE | 20.5 | Bend 1:1 HALS-2 and HALS-4 with antioxidant. Suitable for PE films, tapes and molded products. |
| AD-004L | PE | 20.5 | HALS-2 for PE films, tapes and molded products. No color interaction. |
| AD-0294L | PE | 20.5 | HALS, co stabilizer, antioxidant. Pesticides resistant for greenhouse films |
| AD-0216L | PE | 25.5 | Blend of high performance UV stabilizers and antioxidants for long term protection of PE and EVA agricultural films. Superior resistance to aggressive pesticides and fumigants |
| AD-107P | PP | 10 | HALS-1 for PP molded articles |
| AD-003P | PP | 15 | HALS-1 for PP molded articles |
| AD-0772P | PP | 20 | HALS-1 for PP films and tapes and molded articles |
| AD-008P | PP | 40 | HALS 1 for PP fibers, films and tapes |
| AD-062P | PP | 20.5 | HALS-2 for PP extrusion and molded articles. No color interaction. |
| AD-002P | PP | 20.5 | HALS-3 for PP fibers, films, tapes and molded articles |
| AD-0945P | PP | 50 | HALS-3 for PP fibers, films and tapes |
| AD-088P | PP | 52 | HMW HALS & antioxidants for PP fibers, tapes and films. High thermal stability and minimal migration. |
| AD-001V | PVC | 20 | UV absorber for PVC articles |
| AD-001S | PS | 20.5 | Combination of HALS, UVA and Antioxidant for Styrenics |
| AD-001U | UNI | 20.5 | Blend of HALS, UVA and antioxidants for ABS, PA6, PA66 |
| AD-306U | UNI | 28 | Blend of HALS and antioxidants for PA6 and PA66 |
| AD-0925U | UNI | 26 | Blend of HALS, UVA and antioxidants for POM |
| Masterad® Antistatic | | | |
| AD-100L | PE | 10 | Blend of fast and slow migrating antistatic additives. Contains antiblocking agent. |
| AD-101L | PE | 10 | Blend of fast and slow migrating antistatic additives for transparent films |
| AD-105L | PE | 5 | Slow migrating antistatic additive |
| AD-111L | PE | 10 | Fast migrating antistatic additive. Contains antiblocking agent. |

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| AD-130U | UNI | 30 | Fast migrating antistatic additive (GMS) |
| AD-157L | PE | 7.5 | Low basicity amine free long term migrating antistatic additive for electronics |
| AD-100S | PS | 20 | Migrating antistatic additive for styrenic polymers |
| Masterad® Slip Antiblock | | | |
| AD-206L | PE | 6 | High purity erucamide |
| AD-206P | PP | 6 | High purity erucamide |
| AD-265L | PE | 65 | Ultra micronised inorganic antiblock, Good transparency. |
| AD-271L | PE | 15 | 10% micronized inorganic antiblock and 5% Eurucamide. Good transparency. |
| AD-272L | PE | 20 | 15% micronized inorganic antiblock and 5% Eurucamide. Good transparency. |
| Masterad® Antistick Lubricant | | | |
| AD-240L | PE | 10 | Organic antiblock for films |
| AD-240S | PS | 20 | Lubricant, flow promoter and release agent for styrenic polymers |
| AD-240U | UNI | 20 | Universal lubricant, flow promoter and release agent |
| Masterad® Antislip | | | |
| AD-291L | PE | 70 | Special inorganic antislip additive for PE and PP films |
| Masterad® Antioxidant & Metal Deactivator | | | |
| AD-310L | PE | 10 | Blend of process and long term antioxidants |
| AD-322L | PE | 20 | Blend of process and long term antioxidants |
| AD-390L | PE | 10 | Processing and long term polymer protection against copper |
| Masterad® Processing Aid | | | |
| AD-351L | PE | 2.5 | Latest generation fluoroelastomer polymer processing additive |
| AD-355L | PE | 5 | Latest generation fluoroelastomer polymer processing additive |
| Masterad® Antifog Antimist | | | |
| AD-420L | PE | 20 | New antifog additive for food packaging in cold environment (3-4°C). PE and EVA films, including co-extruded and adhesive laminated films. Excellent heat stability and minimal discoloration. |
| AD-430L | PE | 30 | Antifog for PE and EVA (<8% VA) agri films |

Product description

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|---------|---------|------------|---|
| AD-434U | UNI | 30 | Long term antifog for PE and EVA agri films |
| AD-410L | EVA | 6 | Pure antimist for greenhouse film. Facilitates the water flowing to the ground. |

Masterad® Cleaning Agent

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| AD-510U | UN | 60 | Blend of surface active agents and special inorganic minerals |
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Masterad® Deodorant & Fragrances

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| AD-591L | PE | | Very effective chemical odor deactivator |
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Solutions for every fragrance with 10% and 30% active ingredient

Available Fragrances: Vanilla **AD-550U**, Chocolate **AD-551U**, Strawberry **AD-552U**, Lemon **AD-553U**, Cherry **AD-554U**, Apple **AD-555U**, Lavender **AD-556U**, Talc **AD-557U**, Mint **AD-558U**, Orange **AD-559U**, Jasmine **AD-560U**, Cinammon **AD-561U**, Fresh **AD-562U**, Pine **AD-563U**.

Masterad® Blowing Agent

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| AD-600P | PP | 30 | Endothermic blowing agent |
| AD-604L | PE | 40 | Azodicarbonamide, exothermic expander |

Masterad® Desiccant

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| AD-670L | PE | 70 | Calcium Oxide, filler free for optimum performance |
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Masterad® Infra Red Absorber

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| AD-701L | PE | 70 | High purity kaolin |
| AD-702L | PE | 70 | High purity kaolin & high diffusing mineral additive |
| AD-710L | PE | 70 | Transparent IR Absorber |
| AD-711L | PE | 70 | Highest purity transparent IR Absorber |

Masterad® Flame Retardant

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| AD-902U | UN | 81 | Blend of organic brominated compound for HDPE nets and PP fibers |
| AD-912S | PS | | Polymeric brominated flame retardant, HBDC free, for XPS |
| AD-910U | UN | 50 | Combination of halogen free organic compounds for styrenics |
| AD-915U | UN | 75 | Brominated aromatic hydrocarbon plus antimonite synergist. Universal use. No blooming effect in films |

