



Atmer™ additive concentrates
highly loaded for ease of use/processing



Highly loaded concentrates for ease of use/processing

Why use concentrates?

A number of complications can be encountered when additives are used in their natural physical forms as powders, pastes or liquids eg. difficulties with dosing, excessive fuming, fluctuations in extruder output, and problems with printing or heat sealing. Concentrates improve distribution of the additive in the polymer thereby alleviating many processing problems.

Atmer™ concentrates

Croda Polymer Additives produces a range of concentrates which are very easy to dose, as their physical forms and melting points closely match those of the base (polymer) resin. Atmer concentrates improve production efficiency and bring higher value to end products - mainly through anti-static and anti-fog effects - across a wide range of applications.

Product range

The Atmer 7000 series includes a wide variety of anti-static and anti-fog concentrates, all available as free-flowing pellets.

Product	Polymer/Effect/Additive concentration	Recommended uses
Atmer 7001	PP/anti-static/50%	High loaded concentrate containing a mixture of anti-static agents which provide a synergistic long lasting effect
Atmer 7002	PP/anti-static/50%	Anti-static agent for injection molding which, in addition to the anti-static effect, provides several beneficial side effects (lubrication, mold release, etc). Especially recommended for PP closures
Atmer 7003	PP/anti-static/50%	High loaded concentrate containing a synthetic alkoxyated amine with well defined alkyl chain lengths. Also suitable for films thicker than 30 microns
Atmer 7103	PE/anti-static/50%	High loaded concentrate containing a mixture of anti-static agents which provide a synergistic effect
Atmer 7105	PE/anti-static/50%	High loaded concentrate containing a synthetic alkoxyated amine with well defined alkyl chain lengths. Also suitable for films thicker than 30 microns
Atmer 7202	Styrenics/anti-static, wicking agent/50%	High loaded concentrate containing a highly effective anti-static agent for styrenics. Not suitable for transparent applications. Also recommended as wicking agent in foamed PS trays
Atmer 7300	PE/process aid, anti-static/50%	High loaded concentrate, recommended for use in EPE to improve the cell size distribution and foaming gas/air exchange. Also highly effective anti-static agent, improves de-molding. Wide food contact approvals
Atmer 7301	PE/anti-fog/50%	Long lasting properties in agricultural films (LDPE and EVA <8%VA)
Atmer 7302	PP/slip/40%	Concentrate containing an extremely effective slip agent for use in polyolefin films
Atmer 7306	PP/anti-static/40%	Contains an effective anti-static agent for injection molding, providing several beneficial side effects (lubrication, mold release etc). Wide food contact approvals
Atmer 7325	PE/anti-static/30%	Concentrate containing a synergistic mixture of anti-static agents
Atmer 7326	PE/anti-fog/50%	High loaded concentrate containing a long lasting anti-fog agent for use in greenhouse films, especially 3 layer films
Atmer 7340	PE/anti-fog/20%	For use in clear food wrap applications
Atmer 7510	PET/mold release/10%	Friction reduction and mold release in PET and PETG polymers. Addition at 2-5% recommended
Atmer 7749	PE/flamm retardant/75%	Flame retardant for use in PE
Atmer 7772	PE/anti-block/50%	High loaded concentrate containing talc as an anti-blocking agent

Technical partnership

Extensive technical assistance is offered to our customers, supported by our purpose-built plastics applications laboratory at our manufacturing site in the UK. With over 30 years' experience of additives for the plastics industry, our technical service team can offer you advice on selecting the most effective additive and dosage for your plastics application.

Further information

Croda sales and distribution are coordinated through an extensive worldwide network of associates and agents. For details of your local representative please contact your nearest Croda regional office. Visit our global website at www.croda.com/pa

Quality standard

Croda offers various grades of concentrates that have been optimised for the demands of individual application areas. The Atmer range is subject to stringent quality control procedures during and after manufacture; SQC data on key variables can be provided on request.

CRODA
Polymer Additives

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