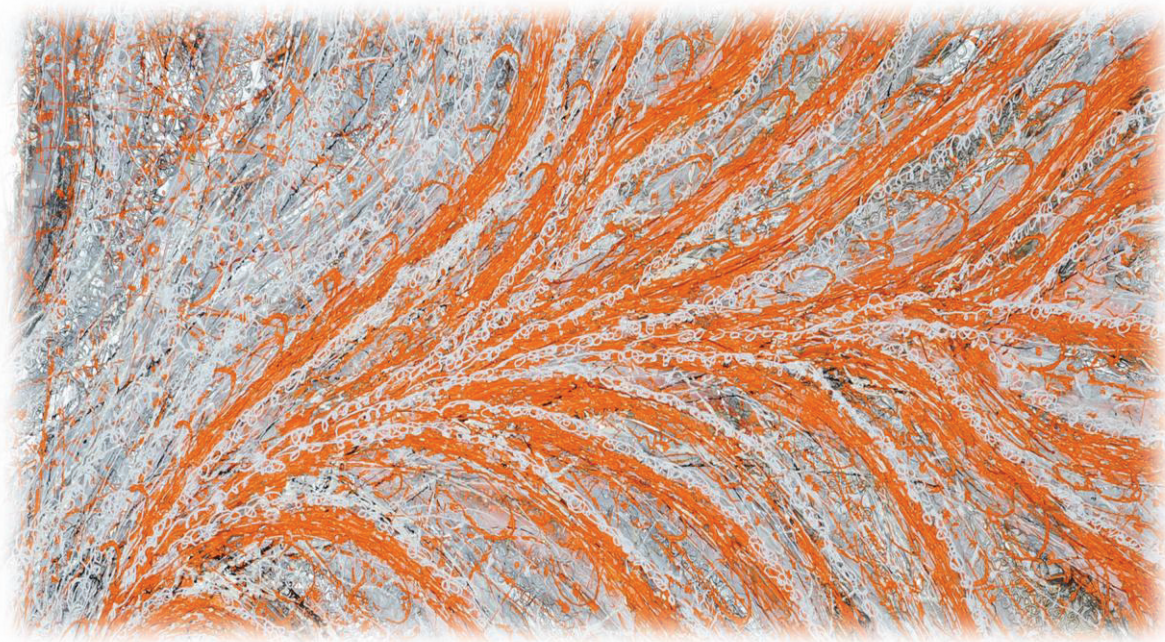




## **AFCONA ADDITIVES Plastics Brochure**





## 7000 Series Additives for Plastics

Product Name	Properties
AFCONA-7200	Very strong defoamer, especially in highly filled systems. Recommended for unsaturated polyesters, PVC, epoxies, acrylics, and urethanes. Not suitable for transparent applications. Works very well in FRP applications, where it provides excellent wetting properties on fiberglass.
AFCONA-7201	Moderately strong defoamer and deaerator, especially for highly filled epoxy systems. Very good at destroying surface foam. Not suitable for transparent applications.
AFCONA-7202	Developed for use in unsaturated polyester systems, acrylics, and vinyl esters. Very efficient deaerator and anti-foam. Suitable for use in hand-lay, spray, gel-coat, filament winding, casting, and SMC/BMC applications.
AFCONA-7203	Moderate defoamer with good defoaming properties. Mainly developed for unsaturated polyester, acrylic, and PMMA systems. Not recommended for clear applications. Excellent air release properties in airless spray applications.
AFCONA-7204	Moderate defoamer with good defoaming properties and excellent compatibility. Most suitable for use in transparent applications. Broad compatibility in unsaturated polyesters, PVC, epoxies, and urethanes. Can be used in resin manufacture to improve defoaming properties of resins and will maintain efficacy.
AFCONA-7300	Provides leveling, substrate wetting, lowers coefficient of friction, and increases gloss of finished product. Suitable for unsaturated polyesters, PVC, epoxies, and urethane systems. Will migrate to surface to provide good slip and leveling properties.
AFCONA-7370	Surface modifier with anti-foam and leveling properties. Suitable for unsaturated polyester, PVC, epoxy, and urethane systems. Will migrate to the surface to provide good leveling and anti-foam properties. Promotes anti-flooding and floating.
AFCONA-7371	Same family as AFCONA-7370, with better surface tension reduction properties due to fluorocarbon modification. Great surface mobility control, resulting in improved overall performance.
AFCONA-7375	Higher fluorocarbon modification compared to AFCONA-7371, yielding faster leveling, stronger anti-cratering, fiber wetting, and pigment and filler wetting. Suitable for unsaturated polyester, PVC, epoxies, and urethanes.
AFCONA-7466	Very strong anti-settling agent, stabilizes systems with color pigments and extenders. Suitable for unsaturated polyester, epoxies, urethanes, and PVC. Very strong anti-flooding and floating when used in combination with AFCONA-7300.
AFCONA-7472	Can be used as anti-separation agent in LP/LS systems, preventing the low-shrink agent to separate from the UPE resin. Also functions as wetting and dispersing agent for fiberglass, pigments and extenders. Very good with carbon blacks.
AFCONA-7476	Dispersing agent for organic and inorganic pigments. Excellent wetting of glass fibers. Very effective dispersing agent for all kinds of pigments. Especially suitable for dispersing of acidic or neutral carbon blacks in PVC and PU foams. Also serves as anti-separation agent for LP/LS modified systems.
AFCONA-7480	Mainly used as wetting agent for fillers in ambient curing systems, allowing for increased filler levels. Also has very good wetting power to fiberglass.
AFCONA-7500	Wetting and dispersing agent for pigments and fillers. Suitable for unsaturated polyesters, PVC, and epoxies. Very high viscosity depression, allowing for very high fill levels, e.g. of flame retardants. Can also be used as viscosity stabilizer in BMC applications.
AFCONA-7510	Wetting and dispersing agent for pigments and fillers. Suitable for unsaturated polyesters, PVC, and epoxies. Same family as AFCONA-7500 and AFCONA-7520, but different acidic modification lends it different performance in different resin systems. Of the three products, AFCONA-7510 has the highest hydrophilic behavior.
AFCONA-7520	Wetting and dispersing agent for pigments and fillers. Same family as AFCONA-7500 and AFCONA-7510, but different acidic modification lends it different performance in different resin systems.
AFCONA-7525	Wetting and dispersing agent for pigments and fillers. Suitable for unsaturated polyesters, PVC, epoxies, and polyurethanes. Compared to other products in the portfolio, AFCONA-7525 provides better pigment stability in low viscosity systems.
AFCONA-7530	Rheology control agent. Suitable for unsaturated polyesters, PVC, epoxies, and flexible PU applications. Modifies rheology through hydrogen bonding. Works very well in combination with fumed silica and bentonite clays, yielding better anti-settling properties to systems.
AFCONA-7565	Acts as a dispersant as well as an internal mold release agent. Made up with hydroxyl and acidic functionality, yielding interphase affinity. Suitable for unsaturated polyesters, especially SMC applications.
<i>New!</i> AFCONA-8530	100% active wetting and dispersing agent for PVC's, PVC plastisols, and other thermoplastic applications. Works well with organic and inorganic pigments and fillers. Very good viscosity depression, and pigment stability.

General Indicator on recommendation

●	- Highly Recommended
●	- Recommended
●	- Can be used



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