

*PolyOne*<sup>®</sup>  
We help people work wonders  
with polymers!

POLYADD™ ADDITIVE CONCENTRATES FOR FILM

**PRODUCT SELECTION GUIDE**





PolyAdd™ Additive Concentrates for film are designed to provide you the ability to tailor your processing and finished goods performance, assisting in achieving cost savings and product line management. From our standard products to our customized additive concentrates, PolyOne® delivers the ability to develop specific control and performance enhancing additives you need.

## PRODUCT PERFORMANCE ADDITIVES

- ▶ **Antiblocks** – Available in regular or clarity grade concentrates with various performance levels.
- ▶ **Antifog Agents** – Control your condensation problems with our antifog agents.
- ▶ **Antistats** – Choose from medium-activity, high-activity, and noncorrosive antistats to prevent static buildup in your parts.
- ▶ **Delustrants** – Dial in the gloss level of your film with our delustrant concentrates.
- ▶ **Flame Retardants** – Meet critical agency requirements for flame retardance through proper formulation with our flame-retardant additives.
- ▶ **Reinforcements** – Pump up the strength and stiffness of your products with our reinforcement concentrates.
- ▶ **Slip Agents** – Slip packages are available as independent concentrates or in combinations with antiblocks for synergistic antiblocking performance.
- ▶ **UV Absorbers & Inhibitors** – Achieve the extended life needs of your outdoor film products with our standard or customized UV concentrate packages.

## PROCESSING PERFORMANCE ADDITIVES

- ▶ **Antioxidants** – Extend the processing window and product life of your plastic with an antioxidant concentrate.
- ▶ **Process Aids** – To assist in your operational excellence, we can provide processing aid concentrates and chill roll release agents for melt fracture control and rate improvements.
- ▶ **Purging Compounds** – When changeover is a factor in your operation, we can help improve your product transitions with general-purpose and shutdown purging compounds.
- ▶ **Thermal Stabilizers** – Protect your resins from thermal degradation with our thermal stabilizer packages.

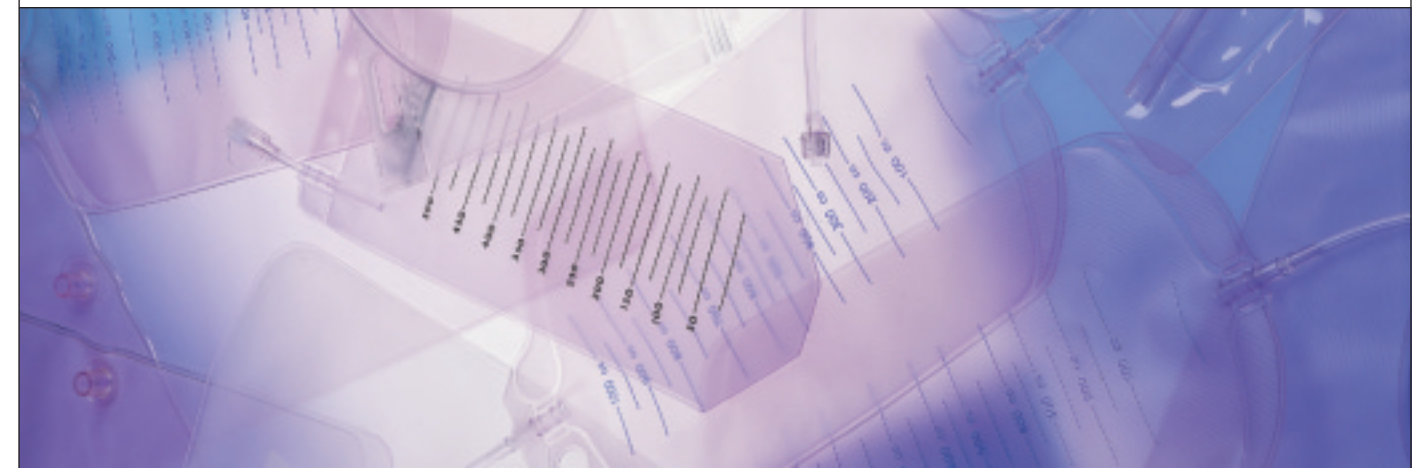
If a multifunctional concentrate makes your life simpler, we can combine two or more additives in one single package.

Take advantage of our full basket of PolyAdd Additive Concentrates.

PRODUCT NAME	ORDERING CODE	DESCRIPTION	CARRIER	NOMINAL CARRIER MFR	FDA*	COMMENTS
1905	CC0003831860	Antiblock - 20% Natural Silica	LDPE	10	●	Performance-clarity grade
1909-T25	CC0003831860	Antiblock - 25% Talc	LDPE	15	●	
1967	CC0003833560	Antiblock - 35% Natural Silica + 15% CaCO <sub>3</sub>	LDPE	7	●	
1997 WM	CC0003834160	Antiblock - 50% Natural Silica	LDPE	26	●	Optimum performance-clarity grade
1901	CC0003831260	Antiblock - 50% Natural Silica	LDPE	7	●	Performance-clarity grade
1901B	CC0003831360	Antiblock - 50% Natural Silica	LDPE	7	●	Clarity grade
1901-T	CC0003831460	Antiblock - 50% Talc	LDPE	7	●	
1906	CC0003831760	Antiblock - 75% CaCO <sub>3</sub>	LDPE	26	●	Printability, opacity, antiblock
19051	CC0003860160	Antiblock/Slip - 10% Oleamide + 50% Talc	LDPE	7	●	Synergistic antiblocking performance
1957	CC0003833160	Antiblock/Slip - 10% Oleamide + 40% CaCO <sub>3</sub>	LDPE	7	●	Synergistic antiblocking performance
1956	CC0003833060	Antiblock/Slip - 4.5% Oleamide + 70% CaCO <sub>3</sub>	LDPE	7	●	Synergistic antiblocking performance
2976AF	CC1000953160	Antifog - 10% Active Ingredient	LDPE	9	●	
1990	CC0003834060	Antioxidant - 10% 2:1 Phosphite / Hindered Phenol	LLDPE	2	●	Process and extended life AO
1980	CC1000322860	Antistat - 10% GMS	LLPE	2	●	Medium-activity antistat
1975	CC0003833760	Antistat - 5% Ethoxylated Amine	LLDPE	15	●	High-activity antistat
1974	CC0003833860	Antistat - 7.5% Alkanolamide	LDPE	10	●	Noncorrosive
1986	CC0003833860	Pink Antistat - 7.5% Alkanolamide	LDPE	10	-----	Electronics
1963	CC0003833460	Process Aid - 3% Fluoropolymer	LLDPE	10	●	Eliminate melt fracture, increase rates
2AD82A	CC0003841560	Process Aid - 2% Fluoropolymer	C8 LLDPE	2	●	Eliminate melt fracture, increase rates
1981	CC0003833360	Process Aid - 3% Fluoropolymer	LLDPE	2	●	Die buildup solution for loaded products
3959	CC1000874860	Process Aid - 3% Fluoropolymer	PP	12	●	SIT tape PP
2973 PA	CC0003841410	Process Aid - 5% Fluoropolymer	C8 LLDPE	2	●	HDPE applications
1922	CC0003832260	Purge - 50% Mineral	LDPE	7	●	General purpose
2928	CC0003840810	Purge - Proprietary Blend	LLDPE	2	●	Ideal for shutdown
1900	CC1000698160	Release Agent - Proprietary Release Agent	LDPE	7	●	Chill roll release
19000	CC1000752960	Release Agent - Proprietary Release Agent	LDPE	7	●	Surface tension modifier
10019828	CC0003857860	Slip - 13% Erucamide	PP	12	●	
1910	CC0003831960	Slip - 5% Erucamide	LDPE	10	●	
1914	CC0003832060	Slip - 5% Oleamide	LDPE	10	●	Fast-blooming slip
1919UV	CC10002238DR	UV - Proprietary UV Blend	LDPE	7	●	USDA woven bags
1988	CC0003833960	UV-AO - 10% HALS + 2.5% Hindered Phenol	LL/LDPE	10	●	Outdoor film
1954	CC0003832860	UV-AO - 12% HALS + 4% Hindered Phenol/Phosphite	LDPE	10	●	Complete stabilization package

\* The products denoted with a ● are composed of ingredients which meet the current requirements of the Food and Drug Administration (FDA) for food contact applications when used in accordance with the requirements and limitations as outlined in the Title 21 Code of Federal Regulation(s) (21 CFR) as identified for each product. As we cannot control the conditions under which the above products are used in your finished goods, we are not in a position to warrant that your products made from these materials also meet the applicable FDA regulatory requirements. Please conduct confirmatory testing.

Call 1.866.POLYONE for information on standard products.



PolyOne makes no representations, guarantees, or warranties of any kind with respect to the foregoing information with respect to accuracy, suitability for particular applications, or the results obtained or obtainable through the use of the information. While believed reliable, the foregoing information has its basis in laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Because of variations in methods, conditions, and equipment used commercially in processing these materials, PolyOne makes no warranties or guarantees respecting suitability of PolyOne's products or the information for the application or conditions disclosed. User has all responsibility for full-scale testing and end-product performance. PolyOne Corporation shall have no liability for, and the customer assumes all risk and liability of, any use of the foregoing information and/or use or handling of any material relating to the information. POLYONE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or materials relating thereto. Nothing herein shall operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.



That is our mission at PolyOne, and we fulfill it by delivering premium-quality products and services, which our customers use to enhance their own products. We believe no competitor can match our technical expertise because no workforce can outperform the people of PolyOne. Our people are ONE team working together – our strength and our pride. Their skills, passion, and dedication are shaping a potent industry leader, a concerned corporate citizen, and a great place to work.

#### NORTH AMERICA

PolyOne Corporation  
PolyOne Center  
Avon Lake, OH 44012  
1.866.POLYONE (1.866.765.9663)  
[www.PolyOne.com](http://www.PolyOne.com)

#### EUROPE

PolyOne Belgium SA  
Rue Melville Wilson 2  
5330 Assesse  
Belgium  
+32 (0) 83 660 271  
[info.color@polyone.com](mailto:info.color@polyone.com)  
[www.PolyOne.com](http://www.PolyOne.com)

#### ASIA

PolyOne Shanghai China  
No. 88, GuoShouJing Rd.  
Z.J. Hi-Tech Park  
Pudong, Shanghai 201203  
China  
+86 (0) 21 5080 1188  
[shanghai@polyone.com.cn](mailto:shanghai@polyone.com.cn)  
[www.PolyOne.com](http://www.PolyOne.com)