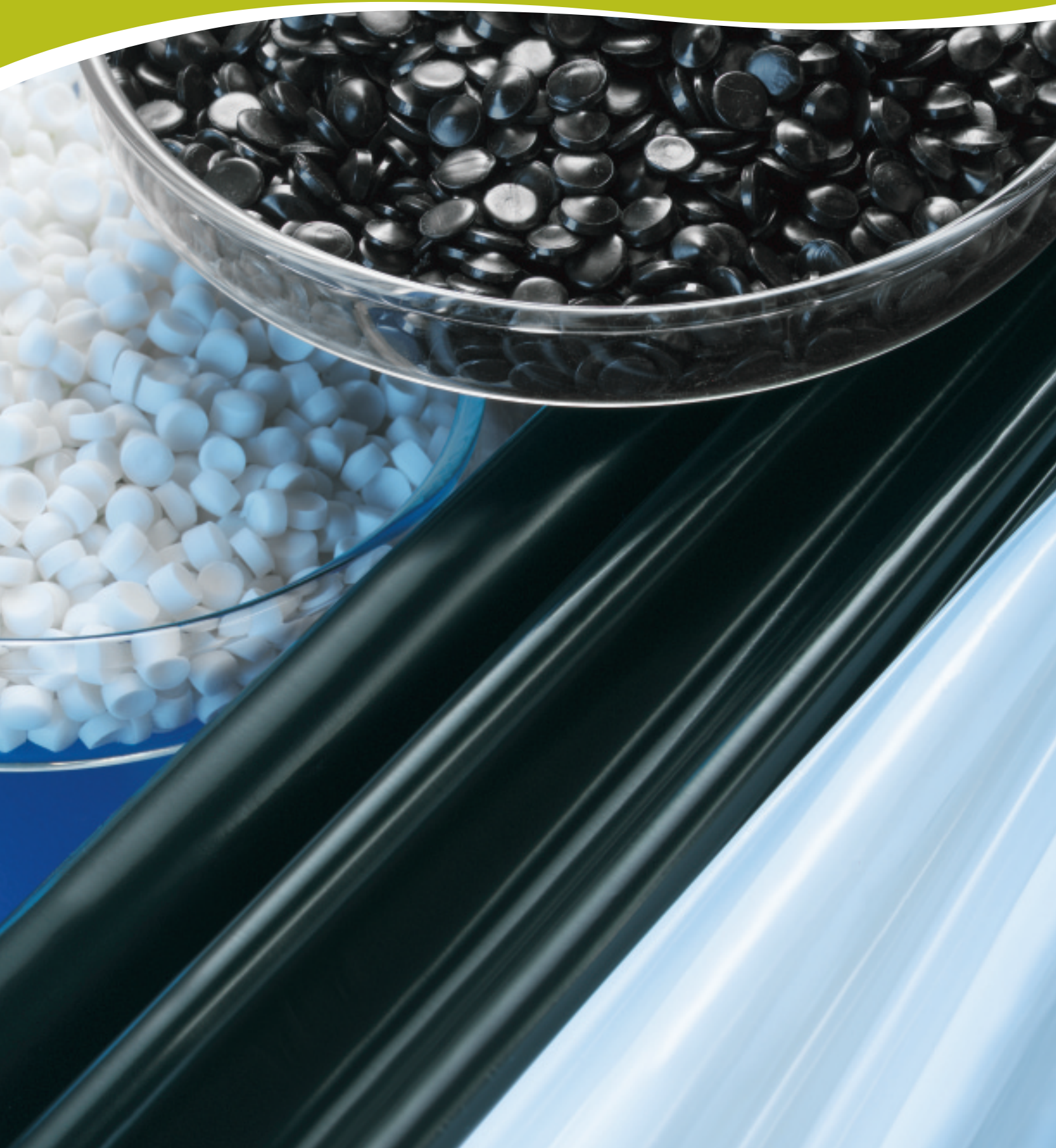


PolyOne[®]

We help people work wonders
with polymers!

POLYONE[®] WHITE & BLACK CONCENTRATES

PRODUCT SELECTION GUIDE





WHITE CONCENTRATES

Choice creates your advantage with our PolyOne® White Concentrates. We provide a broad choice of general-purpose white concentrates that meet your requirements for most applications. For film applications, our white concentrates have been specifically designed to provide the critical dispersion characteristics you need for product quality excellence and uninterrupted film extrusion.

Standard products are available for quick delivery. You may also create a white concentrate customized to your specific need in...

- ▶ pigment loading
- ▶ melt flow rate of concentrate
- ▶ white color tint
- ▶ UV stability
- ▶ carrier resin type
- ▶ opacity

If a multifunctional concentrate makes your life simpler, we can include processing or product performance additives in your white concentrate.

Take advantage of our full basket of PolyOne White Concentrates.

PRODUCT NAME	ORDERING CODE	DESCRIPTION**	CARRIER	NOMINAL MFR	FDA*	COMMENTS
GENERAL-PURPOSE BLACK CONCENTRATES						
5400	CC0003847560	40% SRF	ABS	5	---	
5000	CC0003846760	35% SRF	Crystal PS	5	---	Good masstone / tint strength / opacity
3751F	3751F	35% FDA	EVA	20	●	Good masstone / tint strength / opacity
3750	3750	35% HAF	EVA	20	---	
3765	CC0003842960	35% High Color	EVA	20	---	
3743	3743	40% HAF	EVA	20	---	
3720	3720	50% FEF	EVA	20	---	
3800B	3800B	50% SRF	HDPE	20	---	
3865	CC0003839060	25% High Color	EMA	20	---	High color for critical color applications
3843	3843	40% HAF	LDPE	20	---	Dark masstone / high tint strength for lower usage levels
3850	CC0003842460	40% SAF	LDPE	20	---	Optimum UV absorption and excellent dispersion
3820	3820	50% FEF	LDPE	10	---	Good UV absorption and extrusion processing performance
2447	CC0003838360	50% SRF	LLDPE	20	---	Good masstone / tint strength / opacity for noncritical applications
3851F	CC0003841760	35% FDA	LLDPE	20	●	
3900	CC0003843060	40% SRF	PP	20	---	
5051F	CC0003848460	25% FDA	PS	3	●	
5200	CC0003847360	40% SRF	SAN	20	---	Good masstone / tint strength / opacity for utility applications
FILM BLACK CONCENTRATES						
3700	CC0003842860	50% SRF	EVA	20	---	Low melting temperature with good masstone, tint strength, and opacity
3800AB	CC0003842260	48% SRF	LDPE	30	---	Antiblock
1120	CC0003824160	50% SRF	LDPE	28	---	Excellent dispersion
3800	CC1000364960	50% SRF	LDPE	10	---	
2440HM	CC0003837760	40% SRF	LLDPE	70	---	High melt flow, good masstone / tint strength / opacity for general-purpose film
2447HM	CC0003838660	50% SRF	LLDPE	70	---	High melt flow, good masstone / tint strength / opacity for general-purpose film
21522	21522	35% HAF	LLDPE	18	---	Medium UV, Ag film
2153	CC0003835960	35% HAF	LLDPE	12	---	Ag film, excellent dispersion
2140	CC0003835560	42% HAF	LLDPE	12	---	High UV, Ag film

* 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.

** Type of Carbon Black: SAF - Super Abrasion Furnace; FEF - Fast Extrusion Furnace; SRF - Semi Reinforcing Furnace; HAF - High Abrasion Furnace

Call 1.866.POLYONE for information on standard products.

PRODUCT NAME	ORDERING CODE	DESCRIPTION	CARRIER	NOMINAL CARRIER MFR	FDA*	COMMENTS
GENERAL-PURPOSE WHITE CONCENTRATES						
15055	CC0003827960	50% Loaded	LDPE	7	●	
15057	CC0003829060	50% TiO ₂	LDPE	7	●	Antistat
1017A	CC0003822360	50% TiO ₂	LLDPE	20	●	Blue-white
15021	CC0003859960	50% TiO ₂	LLDPE	20	●	Blue-white
5015	CC0003846460	50% TiO ₂	PS	16	●	Sheet, label stock
5002	CC0003846260	60% Loaded	PS	16	●	CaCO ₃ , sheet
5007	CC0003846360	60% Loaded	PS	16	●	Blue-white, CaCO ₃ , sheet
1008	CC0003822160	60% TiO ₂	LDPE	10	●	Stearate-free
15045	CC0003827660	70% Loaded	LDPE	7	●	CaCO ₃
15047	CC0003827760	70% Loaded	LDPE	7	●	Antistat, CaCO ₃
1007	CC0003821960	70% TiO ₂	LDPE	7	●	
FILM WHITE CONCENTRATES						
8050W	CC0003848160	50% Pigment	LDPE	10	●	General-purpose film, CaCO ₃
1005	CC0003821560	50% TiO ₂	LDPE	7	●	
1050	CC0003823160	50% TiO ₂	LLDPE	20	●	
1075A	CC0003823760	50% TiO ₂	LDPE	7	●	Extrusion coating resin with stearate
8070W	CC0003848260	70% Pigment	LLDPE	20	●	General-purpose film
1070	CC0003823360	70% TiO ₂	LLDPE	20	●	
15077	CC0003858060	70% TiO ₂	LDPE	7	●	General-purpose film
1006	CC0003821860	75% Loaded	LDPE	7	●	CaCO ₃
4048	CC0003843460	80% TiO ₂	EVA	80	●	Highly loaded, universal MB

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BLACK CONCENTRATES

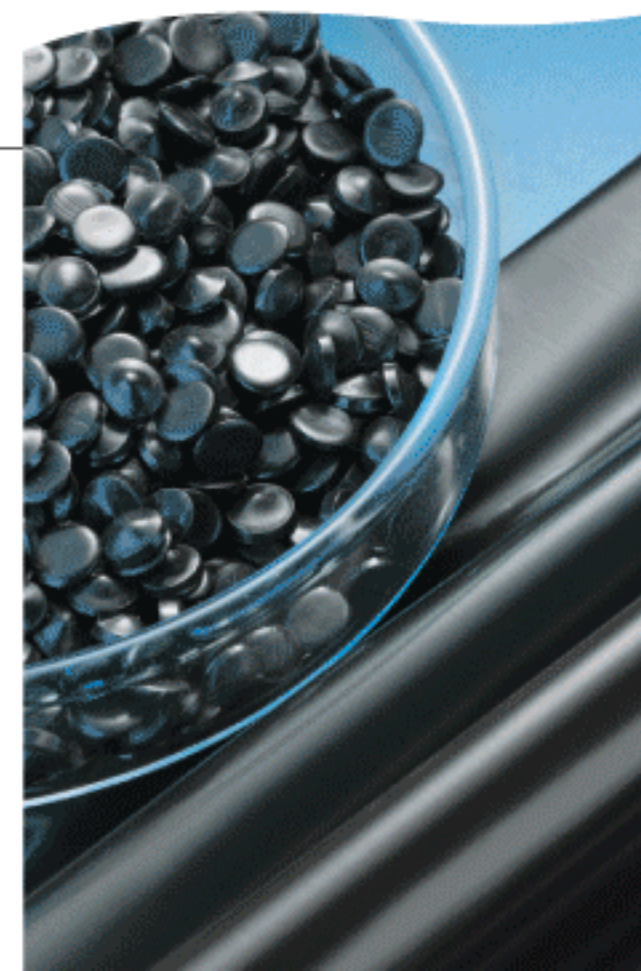
Differentiate your black products with PolyOne® Black Concentrates. From film grades to general-purpose grades, it's your choice. Whether you need a highly UV-stable product or a standard black part, we can help create the quality value you seek.

Standard black concentrates are available for your immediate needs. You can customize a black concentrate based on your needs in...

- ▶ pigment loading
- ▶ UV stability
- ▶ electrical properties
- ▶ carrier resin type
- ▶ carbon black type
- ▶ opacity
- ▶ melt flow rate of concentrate

If a multifunctional concentrate makes your life simpler, we can include processing or product performance additives in your black concentrate. All these variations allow you to achieve your goals quickly and at costs that help you create growth. For masstone, tint strength, pigment dispersion, or usage rate control, depend on PolyOne to be your partner in delivering your black parts.

Take advantage of our full basket of PolyOne Black Concentrates.



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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.

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