



Stock Concentrate Information Sheet



po box 7 • 350 bridge st. • minerva, ohio 44657
p:330-868-4161 • f:330-868-5880 • www.generalcolor.com

Code	Color	(1) HMF	(2) Light Stable	(3) Heat Stable Temp	(4) Closest Pantone Number	Polyolefins	GPSS	HIPS	Acrylics (5)	PVC Flex	PVC Rigid (5)	Polyurethane	Nylon (5)	ABS (5)	PC (5)
X-Series Concentrates															
GPCX-1000	Purple	Y	E	550°F	259C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	NR	1-2%
GPCX-106	Royal Blue	Y	E	550°F	Reflex Blue C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-1100	Bright Purple	Y	E	550°F	2089C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-1150	Ultra Violet	Y	E	550°F	18-3838	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	NR	2-3%	1-2%
GPCX-1200	Dark Blue	Y	E	550°F	2146C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-1300	Teal	Y	E	550°F	321C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-1400	Navy	Y	E	550°F	282C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-1500	Ocean Blue	Y	E	550°F	633C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-1600	Lavender	Y	E	550°F	2073C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-1700	Classic Blue	Y	E	550°F	19-4052	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-1800	Blue Bell	Y	E	550°F	658C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-1900	Light Blue	Y	E	550°F	2184C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-238	Black	Y	E	550°F	Process Bk C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-35	Silver (Metallic)	Y	G	500°F	877C	1%	1%	1-3%	1%	1-2%	1-2%	1%	1-2%	2-3%	1%
GPCX-3000	Dark Gray	Y	E	550°F	432C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	2-3%
GPCX-3100	Warm Gray	Y	E	550°F	Warm Gray 6C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-3200	Silver Pearl (Metallic)	Y	G	550°F	877C	2-4%	2-4%	2-4%	2-4%	NR	NR	2-4%	NR	NR	NR
GPCX-3300	Greige	Y	E	550°F	Warm Gray 4C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	2-3%
GPCX-3400	Gray	Y	E	500°F	430C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	2-3%
GPCX-3600	Charcoal	Y	E	550°F	432C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	2-3%
GPCX-3700	Glacier Gray	Y	E	550°F	14-4102	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	2-3%
GPCX-3800	Light Gray	Y	E	500°F	Cool Gray 6C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	2-3%
GPCX-4030	Dark Green	Y	G	500°F	342C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-4100	Olive Drab	Y	E	475°F	574C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-4150	Army	Y	E	550°F	18-0523	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-4200	Bright Green	Y	G	500°F	368C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-4300	Lime Green	Y	G	500°F	376C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-4400	Yellow Green	Y	E	500°F	389C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-4550	Fluorescent Green	Y	F	475°F	802C 2X	2-3%	2-3%	2-4%	2-3%	2-3%	2-3%	2-3%	NR	NR	NR
GPCX-4600	Spruce Green	Y	E	550°F	3308C	2-3%	2-3%	2-4%	2-3%	2-3%	2-3%	2-3%	2-3%	3-4%	2-3%
GPCX-4700	Pistachio Green	Y	E	550°F	2254C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	NR	2-3%	1-2%



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GPCX-4830	Green	Y	G	500°F	340C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-5030	Golden Yellow	Y	G	500°F	122C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-5200	Gold (Metallic)	Y	E	550°F	7555C	2-4%	2-4%	2-4%	2-4%	NR	NR	2-4%	NR	NR	NR
GPCX-5400	Chick	Y	E	550°F	602C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	NR	2-3%	NR
GPCX-5550	Fluorescent Yellow	Y	F	475°F	809C	2-3%	2-3%	2-4%	2-3%	2-3%	2-3%	2-3%	NR	NR	NR
GPCX-5630	Yellow	Y	G	500°F	102C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-6000	Pink	Y	G	550°F	189C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	NR	1-2%
GPCX-6100	Ribbon Pink	Y	G	550°F	251C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	NR	NR
GPCX-6230	Orange	Y	G	500°F	158C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-6250	Fluorescent Orange	Y	F	475°F	805C	2-3%	2-3%	2-4%	2-3%	2-3%	2-3%	2-3%	NR	NR	NR
GPCX-6550	Fluorescent Pink	Y	F	475°F	806C	2-3%	2-3%	2-4%	2-3%	2-3%	2-3%	2-3%	NR	NR	NR
GPCX-6630	Dark Red	Y	G	500°F	200C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-6700	Tangerine	Y	E	500°F	1495C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	NR	2-3%	NR
GPCX-6750	Fluorescent Fuchsia	Y	F	475°F	807C	2-3%	2-3%	2-4%	NR	2-3%	2-3%	2-3%	NR	NR	NR
GPCX-6800	Wine	Y	E	500°F	2042C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	NR	2-3%	NR
GPCX-6930	Red	Y	G	500°F	485C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-7030	Tan	Y	G	475°F	729C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	NR	2-3%	NR
GPCX-7100	Coyote Brown	Y	E	550°F	140C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-7200	Terra Cotta	Y	E	475°F	1675C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	NR	2-3%	NR
GPCX-7300	Copper (Metallic)	Y	E	550°F	2443C	2-4%	2-4%	2-4%	2-4%	NR	NR	2-4%	NR	NR	NR
GPCX-7400	Doeskin	Y	E	500°F	15-1308	1-2%	1-2%	1-3%	1-2%	1-2%	NR	1-2%	NR	2-3%	NR
GPCX-7500	Chocolate	Y	E	475°F	476C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	NR	2-3%	NR
GPCX-7600	Mocha	Y	E	550°F	2471C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	NR	2-3%	NR
GPCX-8000	Almond	Y	E	550°F	468C	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-808	Appliance White	Y	E	550°F	N/A	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-8350	Blue White	Y	E	550°F	N/A	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-8400	White	Y	E	550°F	N/A	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-8480	White	Y	E	550°F	N/A	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-8700	Antique White	Y	E	550°F	11-0105	1-2%	1-2%	1-3%	1-2%	1-2%	1-2%	1-2%	1-2%	2-3%	1-2%
GPCX-900	UV for Polyolefins	Y	E	550°F	GPCX-900 contains Hindered Amine Light Stabilizers (HALS) which are highly effective for the light stabilization of polyolefins (PE, PP, TPO, TPE). Usage - Good Protection -1%, Better - 2% and Best - 3%										
GPCX-925	Slip-Eze	Y	E	550°F	GPCX-925 utilizes low molecular weight chemicals that bloom on the surface of your part providing surface lubrication. This lubrication aids in the reduction of coefficient of friction and improves mold release while minimizing film surface to surface tact. Usage - As needed										



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GPCX-940	UV for Styrenics	Y	E	550°F	GPCX-940 contains Hindered Amine Light Stabilizers (HALS) which are highly effective for the light stabilization of styrenics (ABS, HIPS, GPPS, ASA). Usage - Good Protection - 1%, Better - 2% and Best - 3%										
GPCX-9100	Foaming Agent	Y	N/A	480°F	GPCX-9100 is a chemical foaming agent (CFA) that is used to reduce weight and prevent the formation of sink marks. This helps fill the mold resulting in average weight reductions of 10-15%. For Polyolefins use only. Usage - As needed.										
GPCX-9200	Glow in the Dark	Y	E	550°F	Our GPCX-9200 is full of phosphorescent pigments which absorb, store, and emit light. After absorbing light, they can glow for up to twelve hours. This works best in clear or translucent resins. Usage - 2-5%										



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Nylon Based Concentrates															
GPCN-5610	Yellow	Y	E	550°F	101C	High Heat Formula with Nylon (PA6) Carrier use at 2-4% in Nylon									
GPCN-6210	Orange	Y	E	550°F	7417C	High Heat Formula with Nylon (PA6) Carrier use at 2-4% in Nylon									
GPCN-6610	Red	Y	E	550°F	1807C	High Heat Formula with Nylon (PA6) Carrier use at 2-4% in Nylon									
Black Concentrates															
GPCA-242	Black - ABS	Y	E	550°F	Process Bk C	ABS Carrier use at 1%-3% in ABS									
GPCE-250	Black - Polyethylene	Y	E	500°F	Process Bk C	Polyethylene Carrier use at 1%-2% Polyolefins									
GPCE-285	Black - FDA Polyethylene	Y	E	500°F	Process Bk C	Polyethylene Carrier use at 1%-2% Polyolefins when FDA approval is needed									
GPCE-295	Black - Hyper Polyethylene	Y	E	500°F	Process Bk C	Polyethylene Carrier use at 0.5% to 1.0% 2 to 3 times stronger than standard black. Conductive									
GPCI-235	Black - HIPS	Y	E	550°F	Process Bk C	HIPS Carrier use at 1%-3% in HIPS									
GPCN-243	Black - Nylon PA 6	Y	E	550°F	Process Bk C	Nylon (PA6) Carrier use at 1%-3% in Nylon									
GPCP-204	Black - Polypropylene	Y	E	550°F	Process Bk C	Polypropylene Carrier use at 1%-2% in Polypropylene									
GPPC-244	Black - Polycarbonate	Y	E	550°F	Process Bk C	Polycarbonate Carrier use at 1%-3% in PC									
GPCV-230	Black - Universal	Y	E	550°F	Process Bk C	Universal Carrier use at 1%-2% multiple resins									
GPCV-265	Black - FDA Universal	Y	E	550°F	Process Bk C	Universal Carrier use at 1%-2% multiple resins when FDA approval is needed									

Footnotes

- (1) HMF=Heavy Metal Free (Non-Toxic) - Does not contain Lead (Pb), Cadmium (Cd), Mercury (Hg), Selenium (Se)
- (2) Light Stability-E=Excellent (okay for outdoor use) G=Good (okay for partial outdoor use) F=Fair (Indoor Only)
 Light Stability refers to the pigments used to make each particular color. UV stabilizers and antioxidants also may be needed to protect the resin
 Weatherability: Good light fastness does not always translate to good weatherability. Contact us to discuss your application.
- 3) Heat Stability is based on a 2-minute dwell in an injection press with a GP screw. A criteria of a ΔE of 1.0 CMC color change is our standard.
- (4) Pantone Matching System is an ink-based color chart also known as PMS number. Because some ink pigments may not be compatible in plastics, the Pantone numbers are to be used as reference only and not considered a direct match.
- (5) For these base resins, it is not recommended to dry X-Series Concentrates with them. This could cause the carrier to soften and create processing issues.

Disclaimer

This information sheet was put together as a guideline to assist our customers. All information on this sheet is believed to be correct, but is not guaranteed to be so. General Color, LLC cannot be responsible for any ingredients added to your products that are not purchased from us. We cannot be responsible for the processing of our color that causes degradation to the end product. It is the responsibility of the customer to determine that all conditions and specifications contained in all pertinent regulatory categories are met, and that the products produced from our color concentrates are acceptable and suitable for their intended applications. Direct any questions to Technical Support at 330-868-4161 or email sales@generalcolor.com.