



Star Plastics Product Guide

Custom Colors
& Small Lots!

Polycarbonates

Material Code	Available Colors	Melt	Izod	Industry Offsets	Applications / Comments	Stock Item (Y/N)
StarPrime™ PC1103	CLS 112 & CLS111	11.5	12	Lexan 141, Wonderlite PC110, Makrolon 2800, Caliber 300-10, Lupilon S-2000	Blue Edge Tint and Water Clear Applications, High Gloss	Y
StarPrime™ PC1105	CLS 112 & CLS111	20	12	Lexan 121, Wonderlite PC122, Makrolon 2407, Calibre 200-23, Lupilon S-3000	Blue Edge Tint and Water Clear Applications, High Gloss	Y
StarPrime™ PC733	All Colors	4	15	Lexan 131, Lexan 135, Lexan 153	Extrusion Grade PC, HB (1.5 mm) V2 (1.5 mm)	
StarPrime™ PC743	Black BKS701	11	15	Lexan 141, Wonderlite PC110, Makrolon 2800, Caliber 300-10, Lupilon S-2000	Alternate to Prime Black PC V2@1.5mm, High Gloss	Y
StarPrime™ PC743	All Colors	11	15	Lexan 141, Wonderlite PC110, Makrolon 2800, Caliber 300-10, Lupilon S-2000	Alternate to Prime Black PC V2@1.5mm, High Gloss	
StarPrime™ PC721	Black BKS701	18	13	Lexan 121, Wonderlite PC122, Makrolon 2407, Calibre 200-23, Lupilon S-3000	Alternate to Prime Black PC V2@1.5mm, High Gloss	Y
StarPrime™ PC723	All Colors	18	13	Lexan 121, Wonderlite PC122, Makrolon 2407, Calibre 200-23, Lupilon S-3000	Alternate to Prime Black PC V2@1.5mm, High Gloss	
StarPrime™ PC723	Clear CLS112	18	13	Lexan 121, Wonderlite PC122, Makrolon 2407, Calibre 200-23, Lupilon S-3000	Alternate to Prime Black PC V2@1.5mm, High Gloss	Y
ValuPak™ PC1212FRR	Black BKS701	12	12	Compounder Versions of Lexan 141, Wonderlite PC110, Makrolon 2800, Caliber 300-10, Lupilon S-2000	Value Grade Black PC for general purpose injection applications - V2@1.5mm, Good Gloss	Y
ValuPak™ PC2012FRR	Black BKS701	20	12	Lexan 121, Wonderlite PC122, Makrolon 2407, Calibre 200-23, Lupilon S-3000	Black PC for general purpose injection molding. V2@1.5mm, Good Gloss	Y
StarPrime™ PC8000 Series	All Colors	Any	Any	V0@1.5mm, RoHS compliant FR PC, with UV, Release	FR Product, High Gloss	

Polycarbonates Cont'

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StarPrime™ PCQP301000	Black BKS40002	12	2.5	10% Glass, V0 and 5VA with f(1) in Black and Gray	V0 and 5VA with f(1) in Black and Gray, Good Gloss	
ValuPak™ PCGF10	All Colors			10% Glass Fiber Reinforced PC	HB Rated, Injection Grade	
ValuPak™ PCGF10	Black BKS40002			10% Glass Fiber Reinforced PC	HB Rated, Injection Grade	Y
ValuPak™ PCGF20	All Colors			20% Glass Fiber Reinforced PC	HB Rated, Injection Grade	
ValuPak™ PCGF20	Black BKS40003			20% Glass Fiber Reinforced PC	HB Rated, Injection Grade	Y
ValuPak™ PCGF30	All Colors	15	1	30% Glass Fiber Reinforced PC	HB Rated, Injection Grade	
ValuPak™ PCGF30	Black BKS40004	15	1	30% Glass Fiber Reinforced PC	HB Rated, Injection Grade	Y
StarPrime™ PCHC7450(f2)	All Colors but Clear	10	15	EXL9330/9335. Cold Temperature Impact Modified, 14 plus Izod Impact at -40° F, Improved Mold Flow.	Outdoor Electrical Applications; Molding Grade, V0@1.5mm, 5VA@3mm w/ (f2), RTI's of 125- 115-125, UV, R, NCNB	N
StarPrime™ PCHC7451(f2)	All Colors but Clear	6	15	EXL9330/9335. Cold Temperature Impact Modified, 14 plus Izod Impact at -40° F	Outdoor Electrical Applications; Extrusion Grade, V0@1.5mm, 5VA@3mm w/ (f2), RTI's of 125- 115-125, UV, R, NCNB	N
StarPrime™ PCHC7550(f1)	Black, Gray, Beige	10	15	EXL9330/9335. Cold Temperature Impact Modified, 14 plus Izod Impact at -40° F, Improved Mold Flow.	Outdoor Electrical Applications; Molding Grade, V0@1.5mm, 5VA@2.5mm w/ (f1), RTI's of 125- 115-125, UV, R, NCNB	N
StarPrime™ PCHC7551(f1)	Black, Gray, Beige	6	15	EXL9330/9335. Cold Temperature Impact Modified, 14 plus Izod Impact at -40° F	Outdoor Electrical Applications; Extrusion Grade, V0@1.5mm, 5VA@2.5mm w/ (f1), RTI's of 125- 115-125, UV, R, NCNB	N

PC7000 (f) Series

Material Code	Available Colors	Melt	Izod	Industry Offsets	Applications / Comments	Stock Item (Y/N)
StarPrime™ PC7000(f2)	All Colors	12	2.5	10% GF PC	V0@1.5mm and 5VA@2.4mm w/ (f2), RTI's of 125-115-125, with UV and Release, 10% GF	
StarPrime™ PC7100(f1)	All Colors but White	12	2.5	10% GF PC	V0@1.5mm and 5VA@2.4mm w/ (f1), RTI's of 125-115-125, with UV and Release, 10% GF	
StarPrime™ PC720x(f1)	All Colors	10, 15, 19	14	High Impact, Elevate RTI's, (f1) rated	V0@3mm and V1@1.5mm w/ (f1), RTI's of 125-115-125, with UV and Release	
StarPrime™ PC730x(f1)	All Colors but Clear	10, 15, 19	14	High Impact, Elevate RTI's, (f1) rated	V0@1.5mm w/ (f1), RTI's of 125-115-125, with UV and Release	
StarPrime™ PC740x(f2)	All Colors but Clear	10, 15, 19	14	High Impact, Elevate RTI's, (f2) rated	V0@1.5mm, 5VA@3.0mm w/ (f2), RTI's of 125-115-125, with UV and Release	
StarPrime™ PC750x(f1)	BK, GY, BG	10, 15, 19	14	High Impact, Elevate RTI's, (f1) rated	V0@1.5mm, 5VA@2.5mm w/ (f1), RTI's of 125-115-125, with UV and Release	
StarPrime™ PC760x(f1)	All Colors	10, 15, 19	14	High Impact, Elevate RTI's, (f1) rated	V2@1.5mm, V2@3.0mm w/ (f1), RTI's of 125-115-125, with UV and Release	



ReStart Recycled Content Product Line

Material Code	Available Colors	Melt	Izod	Industry Offsets	Applications / Comments	Stock Item (Y/N)
ReStart™ PC7001 (f2)	All Colors	12	2.5	50% Recycled Content, All colors	10% GF, FR UV R, V0@1.5mm, 5VA@2.4mm, RTI 125-115-125, 50% Certified Recycled Content	
ReStart™ PC7101 (f1)	All Colors but White	12	2.5	50% Recycled Content, All colors	UV R V0@1.5mm, 5VA@2.4mm, RTI 125-115-125, 50% Certified Recycled Content	
ReStart™ PC720x (f1)	All Colors	10, 15, 19	14	50% Recycled Content, All colors	FR UV R, V0@3mm, RTI 125-115-125, 50% Certified Recycled Content	
ReStart™ PC730x (f1)	All Colors but Clear	10, 15, 19	14	50% Recycled Content, All colors	FR, UV, R, V0@1.5mm, RTI 125-115-125, 50% Certified Recycled Content	
ReStart™ PC740x (f2)	All Colors but clear	10, 15, 19	14	50% Recycled Content, All colors	FR, UV, R, V0@1.5mm, 5VA@3mm, RTI 125-115-125, 50% Certified Recycled Content	
ReStart™ PC750x (f1)	Black, Gray, Beige	10, 15, 19	14	50% Recycled Content, All colors	FR UV R, V0@1.5mm 5VA@2.5mm, RTI 125-115-125, 50% Certified Recycled Content	
ReStart™ PC760x (f1)	All Colors	10, 15, 19	14	50% Recycled Content, All colors	FR, V2@1.5mm, UV R FR, RTI 125-115-125, 50% Certified Recycled Content	
ReStart™ PCABS640x	All Colors	10, 20	10	35% Recycled Content, All colors	Molding Grade, FR, V0@1.5mm, 35% Certified Recycled Content	
ReStart™ PCABS620x	All Colors	10, 20	11.5	50% Recycled Content, All colors	General Purpose, Molding Grade, V2@1.5mm, 50% Certified Recycled Content	
ReStart™ ABSFR1	All Colors	7	3	35% Recycled Content, All colors	General Purpose, Molding Grade, V0@1.5mm, 35% Certified Recycled Content	
ReStart™ ABS6000	All Colors	5	3.5	50% Recycled Content, All colors	General Purpose, Molding Grade, 50% Certified Recycled Content, HB@1.5mm	

PC Alloys & Others

Material Code	Available Colors	Melt	Izod	Industry Offsets	Applications / Comments	Stock Item (Y/N)
StarPrime™ PC/ABSFR9001	Black BKS40010	11	10	CYCOLOY C2950, MC5202, BayBlend FR2000, FR110, STYRON 7560	V0@1.5mm, RoHS Compliant, High Gloss	Y
StarPrime™ PC/ABSFR9002	Black BKS40010	17	10	CYCOLOY C2950, MC5202, BayBlend FR2000, FR110, STYRON 7560	V0@1.5mm, RoHS Compliant, High Gloss	Y
StarPrime™ PCABSQX7005	Black BKS701	15	10	CYCOLOY C2800, MC1300, BayBlend 2153, 2193, STYRON 7560, Xantar FC23R	Alternate to Prime General Purpose Injection Grade, High Gloss	
StarPrime™ PCABSQX7004	Black BKS701	10	10	CYCOLOY C2800, MC1300, BayBlend 2153, 2193, STYRON 7560, Xantar FC23R	Alternate to Prime General Purpose Injection Grade, High Gloss	
StarPrime™ PCABSQX7002	Black BKS701	20	10	CYCOLOY MC9000, C110HF, BayBlend T45, T85, STYRON 2000, 830, Xantar 25R, 27R	Alternate to Prime General Purpose Injection Grade, High Gloss	
ValuPak™ PC/ABSQX7048	Black BKS40002	20	10+	Non Critical Industrial Applications	Alternate to Prime General Purpose Injection Grade, Good Gloss	Y
StarPrime™ PC/PBT 7801	Black BKS701	10	8	XENOY 5220, CL100, Makroblend® KU2- 7912/4. AVP GLV80	PC/PBT Alloy Molding Grade, High Gloss	
StarPrime™ PC/PBT 7820	Black BKS701	10	12+	XENOY 5220, CL100, Makroblend® KU2- 7912/4. AVP GLV80	PC/PBT Alloy Molding Grade, High Gloss	
StarPrime™ PBTGF15	All Colors		1.5	Valox DR51/Celanex 3200/3200-2	Molding Grade, 15% Glass Filled	
StarPrime™ PBTGF20	All Colors		1	Valox 4022 / Celanex 3202 / 3300 / 3300-2	Molding Grade, 20% Glass Filled	
StarPrime™ PBTGF30	All Colors		1	Valox 4031	Molding Grade, 30% Glass Filled	
StarPrime™ PBT820 AFRGF30	All Colors	2	1	Valox 420SEO	Molding Grade PBT, FR, 30% Glass Filled	
StarPrime™ PC/PET 7901	Black BKS701	35	11	Makroblend® AR205	PC/PET Alloy Molding grade, High Gloss	
ValuPak™ HIPS8020	Black BKS40001	7	2	Injection Grade HIPS	Spools, Good Gloss	Y

ABS

Material Code	Available Colors	Melt	Izod	Industry Offsets	Applications / Comments	Stock Item (Y/N)
StarPrime™ ABS448T	Black BKS40019	5	5	Cycolac MG47, Polyac PA-717, Terluran GP22, Magnum 344, Lustran 248, LG121, Hival HG6	General Purpose Injection Grade, HB (1.5 mm), High Gloss	Y
StarPrime™ ABS448T	Gray GYS3501	5	5	Cycolac MG47, Polyac PA-717, Terluran GP22, Magnum 344, Lustran 248, LG121, Hival HG6	General Purpose Injection Grade, HB (1.5 mm), High Gloss	
StarPrime™ ABS448T	All Colors	5	5	Cycolac MG47, Polyac PA-717, Terluran GP22, Magnum 344, Lustran 248, LG121, Hival HG6	General Purpose Injection Grade, HB (1.5 mm), High Gloss	
StarPrime™ ABS448T	White WHS2502	5	5	Cycolac MG47, Polyac PA-717, Terluran GP22, Magnum 344, Lustran 248, LG121, Hival HG6	General Purpose Injection Grade, HB (1.5 mm), High Gloss	Y
StarPrime™ ABS448T	Natural NAS10017	6	5	Cycolac MG47, Polyac PA-717, Terluran GP22, Magnum 344, Lustran 248, LG121, Hival HG6	General Purpose Injection Grade, HB (1.5 mm), High Gloss	Y
StarPrime™ ABS450FR	Black BKS40038	8	2.5	Cycolac FR-15,15U FR-23,FR-30, Polyac PA-765,766 Magnum 3661,4410,4420,4425	ROHS Compliant V0 & 5VA, FRABS, Good Gloss	Y
StarPrime™ ABS450FR	Natural NAS10018	8	2.5	Cycolac FR-15,15U FR-23,FR-30, Polyac PA-765,766 Magnum 3661,4410,4420,4425	ROHS Compliant V0 & 5VA, FRABS, Good Gloss	Y
StarPrime™ ABS450FR	All Colors	8	2.5	Cycolac FR-15,15U FR-23,FR-30, Polyac PA-765,766 Magnum 3661,4410,4420,4425	ROHS Compliant V0 & 5VA FRABS, Good Gloss	
StarPrime™ ABS405	All Colors	2-3	7	Cycolac MG29, MG38, Polyac, PA-747 Terluran HI-10, Magnum 9020, 9095, 9555Lustran 228, 648, 1146HI 121HI	Extrusion / Molding - HB (1.5 mm), Med Gloss	
StarPrime™ ABS405	Black BKS40019	2-3	7	Cycolac MG29, MG38, Polyac, PA-747 Terluran, HI-10, Magnum 9020, 9095, 9555Lustran 228, 648, 1146HI 121HI	Extrusion / Molding -HB (1.5 mm), Med Gloss	

ABS Con'

Material Code	Available Colors	Melt	Izod	Industry Offsets	Applications / Comments	Stock Item (Y/N)
ValuPak™ ABSHF	Black BKS4051	8	2.5	Thin Walled parts/High Flow requirements	High Flow / General Purpose, Good Gloss	Y
ValuPak™ ABS5035	Black BKS4051	5	3.5	Thin Walled parts/High Flow requirements	High Flow / General Purpose, Good Gloss	Y
ValuPak™ ABS5035	All Colors	5	3.5	Thin Walled parts/High Flow requirements	High Flow / General Purpose, Good Gloss	
EcoPlas™ ABS22	Black BKS40001	2	2	Dunnage/Industrial	Range Black ABS for applications w/ non critical color and surface, Range Gloss	Y
EcoPlas™ ABS33	Black BKS40001	4	3	Spool Grade	Range Black ABS for applications w/ non critical color and surface, Range Gloss	Y
EcoPlas™ ABS35	Black BKS40001	4.5	3.5	Higer Performace Reels, Spools	Range Black ABS for applications w/ non critical color and surface, Range Gloss	Y
ValuPak™ ABSGF10	Black BKS40002	5	1.5	10% Glass Fiber Reinforced ABS	5 Melt, 1.5 Izod, 10% Glass-Filled, HB@0.060", Med Gloss	Y
ValuPak™ ABSGF20	Black BKS40003	5	1.5	20% Glass Fiber Reinforced ABS	5 Melt, 1 Izod, 20% Glass-Filled, HB @ 0.060", Med Gloss	Y
ValuPak™ ABSGF30	Black BKS40004	5	1.5	30% Glass Fiber Reinforced ABS	30 Melt, 1 Izod, 10% Glass-Filled, HB @ 0.060", Med Gloss	Y

* The properties listed above are typical values and should not be construed as specifications.

* StarPrime™, ValuPak™, EcoPlas™, and ReStart™ are registered trademarks of Star Plastics Inc; SDR Plastics, its subsidiaries or affiliates.

* Additives Available for Stock & Custom Compounds: UV, Release, FR and Glass Fiber

* Please visit StarPlastics.com for Data Sheets, Safety Data Sheets & UL Cards.

