

**POLYCARBONATE**

<b>PRL PC</b>	<b>SABIC IP LEXAN®</b>	<b>DOW CALIBRE®</b>	<b>BAYER MAKROLON®</b>	<b>DESCRIPTION</b>
PC-GP1-D	101, 201	300-6, 300V-6	3105	General purpose for thick walls or extrusion, 5-10 MFI, UL
PC-GP2-D	141, 241	300-10, 300V-10	2605, 2665, 2805, 2865	General purpose, 9-16 MFI, UL
PC-GP3-D	121, 221	300-15, 300V-15, 280-15	2505	General purpose for thin walls, 14-20 MFI, UL
PC-GP4	HF1110	300-22, 300V-22, 280-25	2405	General purpose for thin walls and long flow lengths, 20-30 MFI, UL
PC-UV1-D	103, 203, LS3	302-6, 302V-6	3103, 3107	UV-stabilized, 5-10 MFI, UL
PC-UV2-D	143, 243, LS2	302-10, 302V-10	2607, 2667, 2807, 2867 AL2647	UV-stabilized, 9-16 MFI, UL
PC-UV3-D	123, 223, LS1	302-15, 302V-15	2507, AL2447	UV-stabilized, 14-20 MFI, UL
PC-UV4	HF1130, LSHF	302-22, 302V-22	2407, AL2247, AL2447	UV-stabilized, 20-30 MFI
PC-FD1	104, 204	200-6, 200V-6	3108, 3158	FDA-compliant feedstocks, 5-10 MFI
PC-FD2	144, 244	200-10, 200V-10	2608, 2658, 2858	FDA-compliant feedstocks, 9-16 MFI
PC-FD3	124, 224	200-15, 200V-15	2558	FDA-compliant feedstocks, 14-20 MFI
PC-FD4	HF1140	200-22, 200V-22	2458	FDA-compliant feedstocks, 20-30 MFI
PC-FR1A-D	950A	700-6		Flame retardant, V-0 @ 1/8", 5-10 MFI, clear natural, UL, CSA
PC-FR2A-D	940A	700-10	6455, 6457, 6555, 6557	Flame retardant, V-0 @ 1/8", 9-16 MFI, clear natural, UL, CSA
PC-FR3A-D	920A	700-15	6255, 6257, 6355, 6357	Flame retardant, V-0 @ 1/8", 14-20 MFI, clear natural, UL, CSA
PC-FR1-D	950	890-6		Flame retardant, V-0 @ 1/16", 5-10 MFI, translucent natural, UL, CSA
PC-FR2-D	940	890-10	6465, 6485	Flame retardant, V-0 @ 1/16", 9-16 MFI, translucent natural, UL, CSA
PC-FR3-D	920	890-15, 890-20	6265	Flame retardant, V-0 @ 1/16", 14-20 MFI, translucent natural, UL, CSA
PC-IM1	EXL6414			Impact modified, 5-10 MFI, 8.0 notched izod @ -40 F
PC-IM2	EXL1414, EXL1434	IM 401-11	T7855	Impact modified, 9-16 MFI, 10.0 notched izod @ 0 F
PC-IM3	EM3110, EXL1112	IM 401-18	T7435	Impact modified, 14-20 MFI, 8.0 notched izod @ 0 F
PC-IM4				Impact modified, 20-30 MFI
PC-BR1	151	600-2, 600-3		Branched 4 MFI for extrusion or blow molding
PC-BR1-UV	153	602-2, 602-3		Branched 4 MFI for extrusion or blow molding, UV-stabilized
PC-HM-FR1	500	7100	9415	10% glass reinforced, V-0 @ 1/16", V-0/5VA @ 1/8", UL
PC-HM-FR2				10% glass reinforced, V-0 @ 1/16", V-0/5VA @ 1/8", ELEVATED RTI, UL
PC-G10		5100	8315	10% glass-reinforced, V-2 @ 1/16", V-0 @ 1/8", UL
PC-G20	3412	5200, 7200	8325, 9425	20% glass reinforced, V-2 @ 1/16", V-0 @ 1/8", UL
PC-G30	3413			30% glass reinforced, V-2 @ 1/16", V-0 @ 1/8", UL
PC-G40	3414			40% glass reinforced, V-2 @ 1/16", V-0 @ 1/8"
PCSF-FR	FL900, FL1600	SF7070	SF 800	Structural foam, V-0 @ 1/4", 5% glass reinforced, UL
PCSF-FR1	FL910, FL410	SF7100	SF 810	Structural foam, V-0 @ 1/4", 10% glass reinforced, UL
PCSF-FRG20	FL920			Structural foam, V-0 @ 1/4", 20% glass reinforced
PCSF-FRG30	FL930			Structural foam, V-0 @ 1/4", 30% glass reinforced
PC-GP1-TFE5				Wear resistant, 5% PTFE, low flow
PC-GP1-TFE10				Wear resistant, 10% PTFE, low flow
PC-GP2-TFE5				Wear resistant, 5% PTFE, medium flow
PC-GP3-TFE5				Wear resistant, 5% PTFE, high flow
PC-GP3-TFE10				Wear resistant, 10% PTFE, high flow
PC-G30-TFE15				30% glass reinforced, 15% PTFE

*COLOR # SUFFIX DESCRIPTION: 1 - Mold Release 3 - UV 4 - UV + MR 5 - FDA 6 - FDA + MR*

**MODIFIED PPO/PPE**

<b>PRL PPX</b>	<b>SABIC IP NORYL®</b>	<b>ASAHI XYRON®</b>	<b>DESCRIPTION</b>
PPX-GP1	731	600H	General purpose, medium heat (265° F), UL
PPX-GP1-[color]-EN	ENG265	600H	Extrusion grade, medium heat (265° F), UL
PPX-GP2	PX0888	500H	General purpose, medium heat (250° F)
PPX-GP3	PX0844	400H	General purpose, medium heat (235° F), improved flow
PPX-GP3-[color]-EN			Extrusion grade, medium heat (235° F)
PPX-GP3-IM	EM6100, EM6101		Impact modified, medium heat (235° F)
PPX-GP3-WR	SPN422L		Medium heat (235° F), wear resistant grade
PPX-GP4	EM7100, SPN410, SPN420	200H, 300H	General purpose, low heat (210° F), improved flow
PPX-GP4-IM			Impact modified, low heat (210° F)
PPX-GP4-WR			Low heat (210° F), wear resistant grade
PPX-GP5	PX1265	600H	General purpose, medium heat (270° F)
PPX-GP6	PX1390	X9108	General purpose, high heat (290° F)
PPX-GP7	PX1391	X9108	General purpose, high heat (300° F)
PPX-GP8	PX1222		General purpose, impact modified
PPX-G10	GFN1	G701H	10% glass reinforced
PPX-G10-HF	EM7301F		10% glass reinforced, high flow grade
PPX-G20	GFN2	G702H	20% glass reinforced
PPX-G20-7001N			20% glass reinforced, NSF 61 listed, standard black
PPX-G20-7009N			20% glass reinforced, NSF 61 listed, standard range gray
PPX-G30	GFN3	G703H	30% glass reinforced, UL
PPX-G30-7001N			30% glass reinforced, NSF 61 listed, standard black
PPX-G30-7009N			30% glass reinforced, NSF 61 listed, standard range gray
PPX-FRG10	SE1GFN1	G701V	Flame retardant, 10% glass reinforced, UL
PPX-FRG20	SE1GFN2	G702V	Flame retardant, 20% glass reinforced, UL
PPX-FRG30	SE1GFN3	G703V	Flame retardant, 30% glass reinforced, UL
PPX-SF1	FN150X, FN170X, FN215X	F100Z, F220Z	Structural foam grade, easy flow, UL
PPX-SF2	FN215X	F200Z	Structural foam grade
PPX-MF-FR1	HS1000X		Flame retardant, mineral reinforced
PPX-MF-FR3	HS2000X		Flame retardant, mineral reinforced, UL
PPX-MF-FRG20	HM4025		Flame retardant, 40% glass/mineral reinforced
PPX-FR1	N190X, PX1005, PX1600, PX5622	100Z, 140Z, 220Z, 240Z	V-0 flame retardant, low heat (190° F), UL
PPX-FR1-[color]-EN	EN185	100Z, 140Z, 220Z, 240Z	Extrusion grade, V-0 flame retardant, low heat (190° F), UL
PPX-FR2	SE100X, PX1700	100V, 140V, 220V, 240V 240W, 300V, 340V, 340W	V-1 flame retardant, low heat (210° F), UL
PPX-FR2-[color]-EN	EN212	100V, 140V, 220V, 240V 240W, 300V, 340V, 340W	Extrusion grade, V-1 flame retardant, low heat (210° F), UL
PPX-FR3	SE1X	500V, 540V, 640V, 740V	V-1 flame retardant, medium heat (265° F), UL
PPX-EN-FR3	EN265	500V, 540V, 640V, 740V	Extrusion grade, V-1 flame retardant, medium heat (265° F), UL
PPX-FR4	PC180X	100V, 140V	V-2 flame retardant, low heat (185° F)
PPX-FR5	N225X	300Z, 340Z, 500Z, 540Z	V-0 flame retardant, medium heat (225° F), UL
PPX-FR6	N300X	640Z, 740V	V-0 flame retardant, high heat (300° F), UL
PPX-FR7	PX9406	500Z, 540Z, 640Z	V-0 flame retardant, medium heat, (250° F)

**PPO/NYLON ALLOY**

<b>PRL PPX</b>	<b>SABIC IP NORYL®</b>	<b>ASAHI XYRON®</b>	<b>DESCRIPTION</b>
PPX/NY-GP1	GTX901, GTX902	AT610	General purpose
PPX/NY-GP2	GTX910	AT600	Medium heat
PPX/NY-G10	GTX810		10% glass reinforced
PPX/NY-G20	GTX820		20% glass reinforced
PPX/NY-G30	GTX830		30% glass reinforced

**PBT**

<b>PRL TP</b>	<b>SABIC IP VALOX®</b>	<b>TICONA CELANEX®</b>	<b>DUPONT CRASTIN®</b>	<b>DESCRIPTION</b>
TP-GP1	325	2002-2	S600F20	General purpose, flow modified
TP-GP1-IM	327			Impact modified, medium flow
TP-GP1F	215HPR			FDA-compliant feedstocks
TP-GP2	310	2002	S600F20	General purpose, UL
TP-IM1	337			Low temperature impact modified
TP-FR IM	357	VANDAR 8000	ST830FR	Impact modified, flame retardant, UL
TP-FR IM2	365			Impact modified, flame retardant, UL
TP-FR2	310SEO	2012, 2014, 2016	S660FR	Unreinforced, flame retardant, UL
TP-G15	DR51	3200, 3201	SK602	15% glass reinforced
TP-G20	412		SK603	20% glass reinforced
TP-G30	420	3300	SK605	30% glass reinforced
TP-G40	414	3400	SK608 (45%)	40% glass reinforced
TP-IM-G7.5				7.5% glass reinforced, impact modified
TP-IM-G15				15% glass reinforced, impact modified
TP-IM-G30	430			30% glass reinforced, impact modified
TP-FR G7.5	457	3114, 3116		7.5% glass reinforced, flame retardant
TP-FR G15	DR48	3214, 3216	SK652FR1	15% glass reinforced, flame retardant, UL
TP-FR G30	420SEO	3310, 3314, 3316	SK655FR1	30% glass reinforced, flame retardant, UL
TP-IG30	508			30% glass reinforced alloy, reduced warpage
TP-IGFR-G30	553			30% glass reinforced alloy, flame retardant, reduced warpage, UL
TP-HG15	815			15% glass reinforced alloy, improved surface appearance
TP-HG30	830			30% glass reinforced alloy, improved surface appearance
TP-HG40	4280			40% glass reinforced alloy, improved surface appearance
TP-FR HG15	855			15% glass reinforced alloy, flame retardant, improved surface appearance
TP-FR HG30	865			30% glass reinforced alloy, flame retardant, improved surface appearance
TP-GFMF1	780			40% glass/mineral reinforced, flame retardant, UL
TP-GFMF2	735			40% glass/mineral reinforced
TP-SF-G10	FV649			Structural foam, 10% glass reinforced
TP-SF-G30	FV608			Structural foam, 30% glass reinforced
TP-SF-FRG10	FV699			Structural foam, 10% glass reinforced, flame retardant
TP-SF-FRG30	FV620			Structural foam, 30% glass reinforced, flame retardant

**PRODUCT CROSS REFERENCE SHEET**

**ISSUE DATE: 4/14/08  
REVISION 7**

<b>PC/POLYESTER</b>			
<b>PRL PC/TP</b>	<b>SABIC IP XENOY®</b>	<b>BAYER MAKROBLEND®</b>	<b>DESCRIPTION</b>
PC/TP-GP1	2230, 2730, 2735	UT 250, UT 400	Good chemical resistance, high impact
PC/TP-GP2	1102, 1731, 1732 5220, 5230, 5720	UT 1018	Excellent chemical resistance, high impact, UL
PC/TP-FR2	VALOX 364		Flame retardant, excellent chemical resistance, high impact, UL
PC/TP-GP2-G10	1760	UT 620 G	Excellent chemical resistance, 10% glass reinforced
PC/TP-GP2-G20	5770	UT 640 G	Excellent chemical resistance, 20% glass reinforced
PC/TP-GP3	1200, 6123, 6127 6620		Superior chemical resistance, high impact
PC/TP-FR3	VALOX 3706		Flame retardant, superior chemical resistance, high impact
PC/TP-GP3-G10	6240		Superior chemical resistance, 10% glass reinforced
PC/TP-GP3-G30	6370		Superior chemical resistance, 30% glass reinforced

<b>ABS</b>				
<b>PRL ABS</b>	<b>SABIC IP CYCOLAC®</b>	<b>LANXESS LUSTRAN®</b>	<b>CHI MEI POLYLAC®</b>	<b>DESCRIPTION</b>
ABS-GP1	MG38, MG47, MG94	248, 448, 648	717C, 747, 757	General purpose, UL
ABS-GP1-[color]-UV				General purpose, UV-stabilized, UL
ABS-GP1-[color]-EP	MG37EP	PG 298	727	General purpose, electroplating grade
ABS-GP-HH	X15, X17, X37	HH 1827, HH 1891	777	General purpose, high heat grade
ABS-FR	FR15, FR23, FR30		764, 765	Flame retardant, UL
ABS-FR-[color]-UV	FR15U, FR30U			Flame retardant, UV-stabilized, UL
ABS-G5				5% glass reinforced
ABS-G10				10% glass reinforced
ABS-G20				20% glass reinforced
ABS-G30				30% glass reinforced

<b>PC/ABS</b>				
<b>PRL PC/ABS</b>	<b>SABIC IP CYCOLOY®</b>	<b>BAYER BAYBLEND®</b>	<b>DOW PULSE®</b>	<b>DESCRIPTION</b>
PC/ABS-GP1	C1110, MC8002	T45, T65, T85	830, 1300 series	General purpose, 3-14 MFI
PC/ABS-GP1-[color]-UV				General purpose, UV-stabilized
PC/ABS-GP1-[color]-LG	LG9000			General purpose, low gloss grade
PC/ABS-GP2	C1110HF, C1950	T45, T65, T85		General purpose, 13-25 MFI
PC/ABS-FR1	C2950, C2951, C6200, C6800	FR110, FR2010		Flame retardant, 25-45 MFI, UL
PC/ABS-FR1-[color]-UV				Flame retardant, standard flow, UV-stabilized, UL
PC/ABS-FR1-[color]-WR	C2801			Flame retardant, standard flow, wear resistant, UL
PC/ABS-FR2	C2800, C2950HF, C6600 C6840	FR90, FR2000		Flame retardant, 40-60 MFI, UL
PC/ABS-G10		T88-2N		10% glass reinforced

<b>POLYETHERIMIDE</b>			
<b>PRL PEI</b>	<b>SABIC IP ULTEM®</b>		<b>DESCRIPTION</b>
PEI-GP1	1000, 1010		General purpose, unreinforced, UL
PEI-G10	2100, 2110		10% glass reinforced, UL
PEI-G20	2200, 2210		20% glass reinforced, UL
PEI-G30	2300, 2310		30% glass reinforced, UL
PEI-G40	2400, 2410		40% glass reinforced, UL

**NYLON**

<b>PRL NY6 PRL NY66</b>	<b>DUPONT ZYTEL®</b>	<b>BASF ULTRAMID®</b>	<b>DESCRIPTION</b>
NY6-GP1		8200, 8202, 8202HS, B3K	General purpose, lubricated, UL
NY6-GP2		8202C, 8202CHS	General purpose, nucleated, UL
NY6-G13		8231G, 8231GHS, B3G3	13% glass reinforced, lubricated
NY6-G33		8233G, 8233GHS, B3G6	33% glass reinforced, lubricated
NY6-G43		8234G, 8234GHS, B3G8	43% glass reinforced, lubricated
NY6-IM1		8253, 8253HS, 8255, B3L	Modified, improved toughness, lubricated
NY6-M40		8260, 8260HS	40% mineral reinforced, lubricated
NY6-M25G15		8267G, 8267GHS	25% mineral reinforced/15% glass reinforced, lubricated
NY66-GP1	101L, 103HSL	1000, 1003, A3K, A3W	General purpose, lubricated, UL
NY66-GP2	132F	1310	General purpose, nucleated
NY66-G13	70G13L, 70G13HS1L	1400, 1403, A3G2, A3G3	13% glass reinforced, lubricated
NY66-G33	70G33L, 70G33HS1L	1500, 1503, A3G6, A3G7 A3G5 (25%)	33% glass reinforced, lubricated
NY66-G43	70G43L, 70G43HS1L	1600, 1603	43% glass reinforced, lubricated
NY66-IM1	408L, 408HS	7020, 7023	Modified, improved toughness, lubricated
NY66-IM2	ST801, ST801HS	6030, 6033	Modified, superior toughness, lubricated, UL
NY66-IM1-G13	71G13L, 71G13HS1L	7420, 7423	13% glass reinforced, modified, improved toughness, lubricated
NY66-IM1-G33	71G33L, 71G33HS1L	7520, 7523	33% glass reinforced, modified, improved toughness, lubricated
NY66-IM2-G13	8018, 8018HS	6420, 6423	13% glass reinforced, modified, superior toughness, lubricated
NY66-IM2-G33	80G33L, 80G33HS1L	6520, 6523	33% glass reinforced, modified, superior toughness, lubricated
NY66-M40	10B40, 11C40	N-265, N-277	40% mineral reinforced, lubricated
NY66-M25G15	20B, 22C	N-276	25% mineral reinforced/15% glass reinforced, lubricated
NY66-FRG25	FR50	A3X2G5	25% glass reinforced, flame retardant, lubricated
NY66-MD			Molybdenum Disulphide (MoS2) modified for lubrication and wear resistance

*COLOR # SUFFIX DESCRIPTION: H - Heat Stabilized*

**ACETAL**

<b>PRL AC PRL AH</b>	<b>DUPONT DELRIN®</b>	<b>TICONA CELCON®</b>	<b>BASF ULTRAFORM®</b>	<b>DESCRIPTION</b>
AC-GP1		M25	H2320	Copolymer, low flow, high melt strength
AC-GP2		M90	N2320	Copolymer, medium flow, general purpose
AC-GP3		M270	W2320	Copolymer, high flow, thin wall applications
AC-G10		GC10		Copolymer, 10% glass reinforced
AC-G25		GC25		Copolymer, 25% glass reinforced
AH-GP1	100P			Homopolymer, low flow, high melt strength, heat stabilized
AH-GP2	500P			Homopolymer, medium flow, general purpose, heat stabilized
AH-GP3	900P			Homopolymer, high flow, thin wall applications, heat stabilized