

台化PC樹脂產品

TAIRILITE PC RESIN

耐候級 Weatherability Grade
高透光級 High Transparency Grade
紅外線穿透 IR Transmittance

性質 Properties	單位 Unit	耐候級 Weatherability Grade		高透光級 High Transparency Grade		紅外線穿透 IR Transmittance
		AC1115	AC1117	AC2916	AC2918	AC2955
熔融指數 Melt Flow Index	g/10min.	11	6~8	35	65	20
IZOD 衝擊強度 IZOD Impact Strength	kg-cm/cm (J/m)	80 (785)	85 (835)	50 (490)	10 (98)	70 (685)
比重 Specific Gravity	-	1.2	1.2	1.2	1.2	1.2
抗張強度 Tensile Strength	kgf/cm ² (MPa)	780 (75)	750 (73)	620 (61)	480 (47)	780 (76)
彎曲強度 Flexural Strength	kg/cm ² (Mpa)	1,150 (110)	1,100 (100)	1,050 (104)	1,140 (112)	1,050 (104)
彎曲模數 Flexural Modulus	kgf/cm ² (MPa)	22,000 (2,150)	22,000 (2,150)	22,200 (2,180)	21,000 (2,060)	22,000 (2,155)
洛氏硬度 Rockwell Hardness	R-Scale	122	122	122	122	122
熱變形溫度 Heat Deflection Temperature	°C	128	128	126	126	128
收縮率 Molding Shrinkage	%	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7
透明度 Transmissin	%	>88	>88	>90	>90	-
霧度 Haze	%	<1.0	<1.0	<1.0	<1.0	-
燃燒性 Flammability	-	0.8mm V-2 3.0mm V-2 All Color	0.8mm V-2 3.0mm V-2 All Color	1.0mm V-2 2.0mm V-2 3.0mm V-2 All Color	1.0mm V-2 2.0mm V-2 3.0mm V-2 All Color	1.0mm V-2 2.0mm V-2 3.0mm V-2 All Color
特性 Characteristics		透明、中流動性、 高潔淨PC、低魚眼 Transparency, Mid-low flow, High clean PC, Low gel	透明、中低流動 性、抗UV (400nm以下遮蔽) Transparency, Mid-low flow, UV resistance (400nm Cut-off)	高透光性、 中高流動 High Transparency, Mid-high flow	高透光性、 超高流動 High Transparency, High flow	紅外線穿透、 中高流動性 IR transmittance, Mid-high flow
用途 Applications		光學應用、 高透光、PC膜、 PC板應用 Optical applications, High transparency, PC film, PC sheet	鏡片應用、 高透光、PC膜、 PC板應用 Lens applications, High transparency, PC film, PC sheet	導光條、 車用晝行燈、 LED聚光鏡頭 Light guide bar, Daytime running lights for car lamp, LED condenser lens	導光條、 車用晝行燈、 LED聚光鏡頭 Light guide bar, Daytime running lights for car lamp, LED condenser lens	應用於資訊傳遞， 如遙控器、手機、 PDA、無線鍵盤 Applications in Information transfer, such as remote control, mobile phone, PDA and wireless keyboard etc

性質 Properties	熔融指數 Melt Flow Index	IZOD 衝擊強度 IZOD Impact Strength	比重 Specific Gravity	抗張強度 Tensile Strength	彎曲強度 Flexural Strength	彎曲模數 Flexural Modulus	洛氏硬度 Rockwell Hardness	熱變形溫度 Heat Deflection Temperature	收縮率 Molding Shrinkage	透明度 Transmissin	霧度 Haze	燃燒性 Flammability
試驗方法 Test Method	ASTM D-1238	ASTM D-256	ASTM D-792	ASTM D-638	ASTM D-790		ASTM D-785	ASTM D-648	ASTM D-955	ASTM D-1003		UL-94
試驗條件 Test Condition	300°C ×1.2kg	23°C 1/8"bar	23°C	23°C	23°C		23°C	Unannealed 18.6 kg/cm ² (1.8MPa) 1/8" bar	3.2mm	Thickness (1.0mm)		FILE NO. E162823

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Formosa Chemicals & Fibre Corp.

台化PC樹脂產品

TAIRILITE PC RESIN

擴散級
Diffusion Grade一般型 General
阻燃型 Flame Retardant

性質 Properties	單位 Unit	一般型 General			阻燃型 Flame Retardant
		AC2820	AC2854	AC2856	AC3830
熔融指數 Melt Flow Index	g/10min.	27	12	27	12
IZOD 衝擊強度 IZOD Impact Strength	kg-cm/cm (J/m)	6 (60)	40 (390)	6 (60)	40 (390)
比重 Specific Gravity	-	1.2	1.2	1.2	1.2
抗張強度 Tensile Strength	kgf/cm ² (MPa)	600 (59)	650 (64)	600 (59)	650 (62)
彎曲強度 Flexural Strength	kg/cm ² (Mpa)	1,020 (100)	1,050 (103)	1,020 (100)	1,020 (100)
彎曲模數 Flexural Modulus	kgf/cm ² (MPa)	22,800 (2,250)	23,000 (2,260)	22,800 (2,250)	22,500 (2,200)
洛氏硬度 Rockwell Hardness	R-Scale	122	122	122	122
熱變形溫度 Heat Deflection Temperature	°C	122	122	122	122
收縮率 Molding Shrinkage	%	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7
透明度 Transmissin	%	99~20	80~45	99~60	90~60
霧度 Haze	%	91~88	91~88	91~88	91~40
燃燒性 Flammability	-	1.0mm V-2 3.0mm V-2 All Color	0.75mm V-2 1.0mm V-2 3.0mm V-2 WT, RD, BK	0.75mm V-2 1.0mm V-2 3.0mm V-2 WT, RD, BK	1.0mm V-0 1.2mm V-0 1.5mm V-0 3.0mm V-0, 5VA All Color
特性 Characteristics		光擴散特性、 高流動性、抗UV Light diffusion, High flow, UV resistance	光擴散特性、 中流動性、抗UV Light diffusion, Mid flow, UV resistance	光擴散特性、 高流動性、抗UV Light diffusion, High flow, UV resistance	光擴散特性、中流動 性、抗UV、無鹵 Light diffusion, Mid flow, UV resistance, Halogen free
用途 Applications		汽車照明應用，如 日行燈、位置燈、內 飾燈 Automotive lighting applications, such as DRL, position lights, interior lights	擴散板、擴散燈管 (LED燈管外殼) Diffusion board, Diffusion lamp (LED tube shell)	擴散射出燈罩、 擴散射吹球泡 Diffusion injection lampshade, Diffusion injection- blow bulb	擴散板、擴散燈管、 擴散射出燈罩、 擴散射吹球泡 Diffusion board, Diffusion lamp, Diffusion injection lampshade, Diffusion injection-blow bulb

性質 Properties	熔融指數 Melt Flow Index	IZOD 衝擊強度 IZOD Impact Strength	比重 Specific Gravity	抗張強度 Tensile Strength	彎曲強度 Flexural Strength	彎曲模數 Flexural Modulus	洛氏硬度 Rockwell Hardness	熱變形溫度 Heat Deflection Temperature	收縮率 Molding Shrinkage	透明度 Transmissin	霧度 Haze	燃燒性 Flammability
試驗方法 Test Method	ASTM D-1238	ASTM D-256	ASTM D-792	ASTM D-638	ASTM D-790		ASTM D-785	ASTM D-648	ASTM D-955	ASTM D-1003		UL-94
試驗條件 Test Condition	300°C ×1.2kg	23°C 1/8"bar	23°C	23°C	23°C		23°C	Unannealed 18.6 kg/cm ² (1.8MPa) 1/8" bar	3.2mm	Thickness (1.0mm)		FILE NO. E162823

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Formosa Chemicals & Fibre Corp.

台化PC樹脂產品

TAIRILITE PC RESIN

耐燃級
Self Extinguishing Grade

性質 Properties	單位 Unit	AC3830	AC3850	AC3860	AC3870
熔融指數 Melt Flow Index	g/10min.	5	13	7	5
IZOD 衝擊強度 IZOD Impact Strength	kg-cm/cm (J/m)	80 (785)	75 (735)	75 (735)	80 (785)
比重 Specific Gravity	-	1.2	1.2	1.2	1.2
抗張強度 Tensile Strength	kgf/cm ² (MPa)	710 (70)	650 (64)	650 (64)	710 (70)
彎曲強度 Flexural Strength	kg/cm ² (Mpa)	1,010 (100)	1,050 (103)	1,050 (103)	1,010 (100)
彎曲模數 Flexural Modulus	kgf/cm ² (MPa)	20,800 (2,040)	22,000 (2,160)	22,000 (2,160)	20,800 (2,040)
洛氏硬度 Rockwell Hardness	R-Scale	122	122	122	122
熱變形溫度 Heat Deflection Temperature	°C	127	128	128	127
收縮率 Molding Shrinkage	%	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7
透明度 Transmissin	%	-	-	-	-
霧度 Haze	%	-	-	-	-
燃燒性 Flammability	-	1.0mm V-0 1.2mm V-0 1.5mm V-0 3.0mm V-0, 5VA All Color	2.5mm V-0 3.0mm V-0 All Color	1.5mm V-1 1.75mm V-1 2.0mm V-0 2.5mm V-0 All Color	1.2mm V-2 1.5mm V-0 2.0-2.2mm V-0 All Color
特性 Characteristics		半透明、阻燃、低流動性、抗UV、無鹵 Translucent, Flame retardant, Low flow, UV resistance, Halogen free	半透明、阻燃、中流動性、抗UV、無鹵 Translucent, Flame retardant, Mid flow, UV resistance, Halogen free	半透明、阻燃、中低流動性、抗UV、無鹵 Translucent, Flame retardant, Mid-low flow, UV resistance, Halogen free	半透明、阻燃、低流動性、抗UV、無鹵 Translucent, Flame retardant, Low flow, UV resistance, Halogen free
用途 Applications		射出件、染色應用 Use for injection, Dyeing application		板材、射出件、染色應用 Use for sheet(board), Use for injection, Dyeing application	

性質 Properties	熔融指數 Melt Flow Index	IZOD 衝擊強度 IZOD Impact Strength	比重 Specific Gravity	抗張強度 Tensile Strength	彎曲強度 Flexural Strength	彎曲模數 Flexural Modulus	洛氏硬度 Rockwell Hardness	熱變形溫度 Heat Deflection Temperature	收縮率 Molding Shrinkage	透明度 Transmissin	霧度 Haze	燃燒性 Flammability
試驗方法 Test Method	ASTM D-1238	ASTM D-256	ASTM D-792	ASTM D-638	ASTM D-790		ASTM D-785	ASTM D-648	ASTM D-955	ASTM D-1003		UL-94
試驗條件 Test Condition	300°C ×1.2kg	23°C 1/8"bar	23°C	23°C	23°C		23°C	Unannealed 18.6 kg/cm ² (1.8MPa) 1/8" bar	3.2mm	Thickness (1.0mm)		FILE NO. E162823

台化PC樹脂產品

TAIRILITE PC RESIN

透明阻燃級
Transparent Flame Retardant Grade

性質 Properties	單位 Unit	AC3832	AC3853	AC3855	AC3873
熔融指數 Melt Flow Index	g/10min.	5	9	13	5
IZOD 衝擊強度 IZOD Impact Strength	kg-cm/cm (J/m)	80 (785)	80 (785)	75 (735)	80 (785)
比重 Specific Gravity	-	1.2	1.2	1.2	1.2
抗張強度 Tensile Strength	kgf/cm ² (MPa)	710 (70)	650 (64)	650 (64)	710 (70)
彎曲強度 Flexural Strength	kg/cm ² (Mpa)	1,010 (100)	1,050 (103)	1,050 (103)	1,010 (100)
彎曲模數 Flexural Modulus	kgf/cm ² (MPa)	20,800 (2,040)	22,000 (2,160)	22,000 (2,160)	20,800 (2,040)
洛氏硬度 Rockwell Hardness	R-Scale	122	122	122	122
熱變形溫度 Heat Deflection Temperature	°C	127	128	128	127
收縮率 Molding Shrinkage	%	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7
透明度 Transmissin	%	>88	>88	>88	>88
霧度 Haze	%	<2.0	<2.0	<2.0	<2.0
燃燒性 Flammability	-	1.0mm V-0 1.2mm V-0 1.5mm V-0 3.0mm V-0, 5VA All Color	2.5mm V-0 3.0mm V-0 All Color	2.5mm V-0 3.0mm V-0 All Color	1.2mm V-2 1.5mm V-0 2.0-2.2mm V-0 All Color
特性 Characteristics		透明、阻燃、低流動性、抗UV、無鹵 Transparency, Flame retardant, Low flow, UV resistance, Halogen free	透明、阻燃、中低流動性、抗UV、無鹵 Transparency, Flame retardant, Mid-low flow, UV resistance, Halogen free	透明、阻燃、中流動性、抗UV、無鹵 Transparency, Flame retardant, Mid flow, UV resistance, Halogen free	透明、阻燃、低流動性、抗UV、無鹵 Transparency, Flame retardant, Low flow, UV resistance, Halogen free
用途 Applications		射出件應用 Use for injection	射出件應用 Use for sheet(board), Use for injection	射出件應用 Use for injection	板材、射出件應用 Use for sheet(board), Use for injection

性質 Properties	熔融指數 Melt Flow Index	IZOD 衝擊強度 IZOD Impact Strength	比重 Specific Gravity	抗張強度 Tensile Strength	彎曲強度 Flexural Strength	彎曲模數 Flexural Modulus	洛氏硬度 Rockwell Hardness	熱變形溫度 Heat Deflection Temperature	收縮率 Molding Shrinkage	透明度 Transmissin	霧度 Haze	燃燒性 Flammability
試驗方法 Test Method	ASTM D-1238	ASTM D-256	ASTM D-792	ASTM D-638	ASTM D-790		ASTM D-785	ASTM D-648	ASTM D-955	ASTM D-1003		UL-94
試驗條件 Test Condition	300°C ×1.2kg	23°C 1/8"bar	23°C	23°C	23°C		23°C	Unannealed 18.6 kg/cm ² (1.8MPa) 1/8" bar	3.2mm	Thickness (1.0mm)		FILE NO. E162823

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台化PC樹脂產品

TAIRILITE PC RESIN

低溫耐衝級
Low Temp.
Resistance Grade

透明型 Transparency
半透明型 Translucent
阻燃型 Flame Retardant

性質 Properties	單位 Unit	透明型 Transparency	半透明型 Translucent	阻燃型 Flame Retardant
		AC9140	AC9144	AC9830
熔融指數 Melt Flow Index	g/10min.	13	13	14
IZOD 衝擊強度 IZOD Impact Strength	kg-cm/cm (J/m)	75 (23 °C) 50 (-30 °C) 25 (-40 °C)	75 (23 °C) 60 (-30 °C) 50 (-40 °C)	70 (23 °C) 50 (-30 °C) 40 (-40 °C)
比重 Specific Gravity	-	1.2	1.2	1.18
抗張強度 Tensile Strength	kgf/cm ² (MPa)	530 (54)	530 (54)	585 (55)
彎曲強度 Flexural Strength	kg/cm ² (Mpa)	950 (93)	950 (93)	970 (95)
彎曲模數 Flexural Modulus	kgf/cm ² (MPa)	24,500 (2,400)	24,500 (2,400)	19,000 (1,865)
洛氏硬度 Rockwell Hardness	R-Scale	120	119	118
熱變形溫度 Heat Deflection Temperature	°C	122	122	122
收縮率 Molding Shrinkage	%	0.6~0.8	0.6~0.8	0.6~0.8
透明度 Transmissin	%	>87	-	-
霧度 Haze	%	<1.0	-	-
燃燒性 Flammability	-	2.0mm V-2 3.0mm V-2 All Color	2.0mm V-2 3.0mm V-2 All Color	0.75mm V-1 1.5mm V-0 3.0mm V-0, 5VA All Color
特性 Characteristics		透明、中流動性、 低溫耐沖性、抗UV Transparent, Mid flow, Low temperature impact property, UV resistance	半透明性、中流動性、 低溫耐沖性、抗UV Translucent, Mid flow, Low temperature impact property, UV resistance	光擴散特性、中流動性、 抗UV、無鹵 Translucent, Mid flow, Flame retardant, Low temperature impact property, UV resistance
用途 Applications		-30°C 低溫衝擊性、 3C產品保護殼、運動護具 Low temperature (-30°C) impact resistance, 3C product protection shell, Sports protective gear	-40°C 低溫衝擊性、 3C產品保護殼、運動護具 Low temperature (-40°C) impact resistance, 3C product protection shell, Sports protective gear	-40°C 低溫衝擊性、移動設備外殼、 連接器、開關、戶外設備元件、 電池組 Low temperature (-40°C) impact resistance, Mobile equipment housing, Connectors, Switches, Outdoor equipment component, Battery pack

性質 Properties	熔融指數 Melt Flow Index	IZOD 衝擊強度 IZOD Impact Strength	比重 Specific Gravity	抗張強度 Tensile Strength	彎曲強度 Flexural Strength	彎曲模數 Flexural Modulus	洛氏硬度 Rockwell Hardness	熱變形溫度 Heat Deflection Temperature	收縮率 Molding Shrinkage	透明度 Transmissin	霧度 Haze	燃燒性 Flammability
試驗方法 Test Method	ASTM D-1238	ASTM D-256	ASTM D-792	ASTM D-638	ASTM D-790		ASTM D-785	ASTM D-648	ASTM D-955	ASTM D-1003		UL-94
試驗條件 Test Condition	300°C ×1.2kg	23°C 1/8"bar	23°C	23°C	23°C		23°C	Unannealed 18.6 kg/cm ² (1.8MPa) 1/8" bar	3.2mm	Thickness (1.0mm)		FILE NO. E162823

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台化PC樹脂產品

TAIRILITE PC RESIN

耐燃級
Self Extinguishing Grade

性質 Properties	單位 Unit	AC3600	AC3600-AF	AC3610-AF
熔融指數 Melt Flow Index	g/10min.	11	19	19
IZOD 衝擊強度 IZOD Impact Strength	kg-cm/cm (J/m)	75 (600)	70 (590)	70 (570)
比重 Specific Gravity	-	1.19	1.19	1.19
抗張強度 Tensile Strength	kgf/cm ² (MPa)	660 (65)	660 (65)	610 (60)
彎曲強度 Flexural Strength	kg/cm ² (Mpa)	1050 (103)	1050 (103)	1040 (102)
彎曲模數 Flexural Modulus	kgf/cm ² (MPa)	22000 (2100)	22000 (2100)	23000 (2200)
洛氏硬度 Rockwell Hardness	R-Scale	R-120	R-120	R-122
Charpy 衝擊強度 Charpy Impact Strength	KJ/m ²	63	60	60
熱變形溫度 Heat Deflection Temperature	°C	123	123	113
衛式軟化點 Vicat Softening Point	°C	147	145	133
收縮率 Molding Shrinkage	%	0.5-0.7	0.5-0.7	0.5-0.7
燃燒性 Flammability	-	1.0mm V-0 1.2mm V-0 1.5mm V-0 2.0mm V-0, 5VB 3.0mm V-0 All Color	1.0mm V-0 1.2mm V-0 1.5mm V-0 2.0mm V-0, 5VB 3.0mm V-0 All Color	1.0mm V-0 1.2mm V-0 1.5mm V-0 2.0mm V-0, 5VB 3.0mm V-0 All Color
識別符號 In-mold Identification Symbol		>PC<	>PC<	>PC<
特性 Characteristics		無鹵、無磷耐燃、 高耐熱性、非透明性 Halogen free, Non-phosphorus, Flame retardant, High heat resistance, Non-transparency	無鹵無磷耐燃、高流動性、 高耐熱性、非透明性 Halogen free, Non-phosphorus, Flame retardant, High flow, High heat resistance, Non-transparency	高流動性、非透明性、 無氯、溴、銻、耐燃 High flow, Non-transparency, Cl, Br, Sb free, Flame retardant
用途 Applications		適配器外殼、變壓器外殼、 電池外殼 Adapter case, Transformer case, Battery case	適配器外殼、變壓器外殼、 電池外殼、投影機外殼 Transformer casings, Projector housing, Electromechanical, Projector housing	變壓器外殼、電池外殼、 投影機外殼 Transformer case, Battery case, Projector housing, Electroomechanical appliance cover

性質 Properties	熔融 指數 Melt Flow Index	IZOD 衝擊強度 IZOD Impact Strength	比重 Specific Gravity	抗張強度 Tensile Strength	彎曲強度 Flexural Strength	彎曲模數 Flexural Modulus	洛氏硬度 Rockwell Hardness	Charpy 衝擊強度 Charpy Impact Strength	熱變形溫度 Heat Deflection Temperature	衛式軟化點 Vicat Softening Point Temperature	收縮率 Molding Shrinkage	燃燒性 Flammability	識別符號 In-mold Identification Symbol
試驗方法 Test Method	ASTM D-1238	ASTM D-256	ASTM D-792	ASTM D-638	ASTM D-790		ASTM D-785	ISO 179	ASTM D-648	ASTM D-1525	ASTM D-955	UL-94	ISO 1043
試驗條件 Test Condition	300°C ×1.2kg	23°C 3.2mm	23°C /23°C	23°C	23°C		23°C	23°C 4mm	Unannealed 18.6 kg/cm ² (1.8MPa) 1/8" bar	VICAT (10N)	3.2mm	FILE NO. E162823	-

台化PC樹脂產品

TAIRILITE PC RESIN

耐燃級 Self Extinguishing Grade
FR-PC+G.F

		耐燃級 Self Extinguishing Grade			FR-PC +G.F
性質 Properties	單位 Unit	AC3630-AF	AC3710	AC3900	AC2120
熔融指數 Melt Flow Index	g/10min.	26	25	26	6.1
IZOD 衝擊強度 IZOD Impact Strength	kg-cm/cm (J/m)	68 (560)	70 (550)	60 (500)	15.5 (140)
比重 Specific Gravity	-	1.19	1.20	1.28	1.34
抗張強度 Tensile Strength	kgf/cm ² (MPa)	670 (66)	640 (63)	610 (60)	1090 (107)
彎曲強度 Flexural Strength	kg/cm ² (Mpa)	1100 (106)	1060 (104)	1060 (104)	1680 (160)
彎曲模數 Flexural Modulus	kgf/cm ² (MPa)	24000 (2350)	24000 (2350)	24000 (2350)	59100 (5792)
洛氏硬度 Rockwell Hardness	R-Scale	R-121	R-122	R-121	R-121
Charpy 衝擊強度 Charpy Impact Strength	KJ/m ²	58	60	45	15
熱變形溫度 Heat Deflection Temperature	°C	109 (0.45Mpa)	111 (0.45Mpa)	124	135
衛式軟化點 Vicat Softening Point	°C	116	120	146	153
收縮率 Molding Shrinkage	%	0.5-0.7	0.5-0.7	0.5-0.7	0.2-0.5
燃燒性 Flammability	-	1.5mm V-0, 5VB 3.0mm V-0, 5VB All Color	0.45mm V-1 0.6mm V-0 0.8mm V-0 1.5mm V-0, 5VB 3.0mm V-0, 5VB All Color	1.5mm V-0 3.0mm V-0 NC	1.5mm V-2 3.0mm V-1 All Color
識別符號 In-mold Identification Symbol		>PC<	>PC<	>PC<	>PC<
特性 Characteristics		無鹵、無磷、耐燃、高流動性、非透明性、UL耐候認證 Halogen free, Flame retardant, High flow, Non-transparency, UL weather resistance certification	非透明性、高流動級、耐燃、無氯、溴、銻 Non-transparency, High flow, Flame retardant, Cl, Br, Sb free	白色、耐燃、無氯、溴、銻 White color, Flame retardant, Cl, Br, Sb free	尺寸安定性、耐化學性 Dimensional stability, Chemical resistance
用途 Applications		電動自行車電池外殼、儲能設備外殼 Electric bikes Battery case, Energy storage case	筆記型電腦、電池外殼、薄壁電子電器外殼 Notebook battery casings, Thin-walled electrical equipment housing	LCD-TV白膠框、LED燈燈帽、手機模組 LCD-TV white frame, LED light cover, Mobile modules	印表機內部零件 Printer parts

性質 Properties	熔融指數 Melt Flow Index	IZOD 衝擊強度 IZOD Impact Strength	比重 Specific Gravity	抗張強度 Tensile Strength	彎曲強度 Flexural Strength	彎曲模數 Flexural Modulus	洛氏硬度 Rockwell Hardness	Charpy 衝擊強度 Charpy Impact Strength	熱變形溫度 Heat Deflection Temperature	衛式軟化點 Vicat Softening Point Temperature	收縮率 Molding Shrinkage	燃燒性 Flammability	識別符號 In-mold Identification Symbol
試驗方法 Test Method	ASTM D-1238	ASTM D-256	ASTM D-792	ASTM D-638	ASTM D-790		ASTM D-785	ISO 179	ASTM D-648	ASTM D-1525	ASTM D-955	UL-94	ISO 1043
試驗條件 Test Condition	300°C ×1.2kg	23°C 3.2mm	23°C /23°C	23°C	23°C		23°C	23°C 4mm	Unannealed 18.6 kg/cm ² (1.8MPa) 1/8" bar	VICAT (10N)	3.2mm	FILE NO. E162823	-