TARFLON®标准成型条件表 TARFLON Standard Injection Molding Parameters

	A1700 R1700 IR1700	A1900 R1900 IR1900 IV1900R	A2200 R2200 IN2200 IR2200 IV2200R	A2500 R2500 IR2500	A2600 IN2600 IV2600	AZ1900 RY1900	RY2200 IRY2200	G1910,GZ2510 G1920,GZ2520 G1930,GZ2530 GZ2540	GZK3100 GZK3200	AC1030 AC1080 AC1090	AK3020 AK3040	NN2711	LC1500 LC1700	URZ2500 URZ2501 URZ2502	URC2500 URC2501	SC-170 SC-253	SC-300 SC-300G10 SC-420 SC-429
预烘干 Predrying	·成型 PC 时，必须进行预烘干。 ·Predrying is required when molding PC.																
	120℃×5hr以上 120℃×5 hr or more								80～90℃×5hr以上 80～90℃×5 hr or more	120℃×5hr以上 120℃×5 hr or more	100℃×5hr以上 100℃×5 hr or more	80℃×5hr以上 80℃×5 hr or more	120℃×5hr以上 120℃×5 hr or more			110℃×5hr以上 110℃×5 hr or more	120℃×5hr以上 120℃×5 hr or more
	·请采用热风循环干燥器在，120℃条件下干燥 5 ～ 8 小时后尽快进入成型操作工序，将与大气的接触时间减小到最短。 · After drying for 5-8 hours at 120℃ in a hot air circulating drier, swiftly carry out molding work, and please pay attention to minimizing the contact time with air to the barest minimum.								·请采用热风循环干燥器在,80～90℃条件下干燥 5～8 小时后尽快进入成型操作工序,将与大气的接触时间减小到最短。 · After drying for 5-8 hours at 80～90℃ in a hot air circulating drier, swiftly carry out molding work, and please pay attention to minimizing the contact time with air to the barest minimum.	·请采用热风循环干燥器在，120℃条件下干燥 5～8 小时后尽快进入成型操作工序，将与大气的接触时间减小到最短。 · After drying for 5-8 hours at 120℃ in a hot air circulating drier, swiftly carry out molding work, and please pay attention to minimizing the contact time with air to the barest minimum.	·请采用热风循环干燥器在，100℃条件下干燥 5～8 小时后尽快进入成型操作工序，将与大气的接触时间减小到最短。 · After drying for 5-8 hours at 100℃ in a hot air circulating drier, swiftly carry out molding work, and please pay attention to minimizing the contact time with air to the barest minimum.	·请采用热风循环干燥器在，80℃条件下干燥 5～8 小时后尽快进入成型操作工序，将与大气的接触时间减小到最短。 · After drying for 5-8 hours at 80℃ in a hot air circulating drier, swiftly carry out molding work, and please pay attention to minimizing the contact time with air to the barest minimum.	·请采用热风循环干燥器在，120℃条件下干燥 5～8 小时后尽快进入成型操作工序，将与大气的接触时间减小到最短。 · After drying for 5-8 hours at 120℃ in a hot air circulating drier, swiftly carry out molding work, and please pay attention to minimizing the contact time with air to the barest minimum.		·请采用热风循环干燥器在，110℃条件下干燥 5～8 小时后尽快进入成型操作工序，将与大气的接触时间减小到最短。 · After drying for 5-8 hours at 110℃ in a hot air circulating drier, swiftly carry out molding work, and please pay attention to minimizing the contact time with air to the barest minimum.	·请采用热风循环干燥器在，120℃条件下干燥 5～8 小时后尽快进入成型操作工序，将与大气的接触时间减小到最短。 · After drying for 5-8 hours at 120℃ in a hot air circulating drier, swiftly carry out molding work, and please pay attention to minimizing the contact time with air to the barest minimum.
	–	–	–	–	–				·因为料粒有可能发生变色，请将时间上限限制在12小时之内。 · There is a possibility that pellets will become colored and on this account, set the maximum drying time at 12 hours.	–	–	·因为料粒有可能发生变色，请将时间上限限制在12小时之内。 · There is a possibility that pellets will become colored and on this account, set the maximum drying time at 12 hours.	·因为料粒有可能发生变色，请将时间上限限制在12小时之内。 · There is a possibility that pellets will become colored and on this account, set the maximum drying time at 12 hours.			·因为料粒有可能发生变色，请将时间上限限制在 12 小时之内。 · There is a possibility that pellets will become colored and on this account, set the maximum drying time at 12 hours.	
料筒温度 Cylinder temperature	240-260-280-270℃（注嘴） ·请将上限温度设定为 320℃。 240-260-280-270℃ (nozzle) · Please set the maximum temperature at 320℃.		260-280-300-290℃ （注嘴） ·请将上限温度设定为 320℃。 260-280-300-290℃ (nozzle) · Please set the maximum temperature at 320℃.		240-260-280-270℃（注嘴） ·请将上限温度设定为 320℃。 240-260-280-270℃ (nozzle) · Please set the maximum temperature at 320℃.				240-260-280-270℃（注嘴） ·请将上限温度设定为 300℃。 240-260-280-270℃ (nozzle) · Please set the maximum temperature at 300℃.			220-240-260-250℃ （注嘴） ·请将上限温度设定为 280℃。 220-240-260-250℃ (nozzle) · Please set the maximum temperature at 280℃.	240-260-280-270℃（注嘴） ·请将上限温度设定为 300℃。 240-260-280-270℃ (nozzle) · Please set the maximum temperature at 300℃.		220-240- 260-250℃ （注嘴） ·请将上限温度设定为 280℃。 220-240-260-250℃ (nozzle) · Please set the maximum temperature at 280℃.	240-260-280-270℃ （注嘴） ·请将上限温度设定为 300℃。 240-260-280-270℃ (nozzle) · Please set the maximum temperature at 300℃.
螺杆转速 Screw rpm	60～100rpm								40～60rpm	60～100rpm		40～60rpm	60～100rpm			60～100rpm	
背压 Backpressure										1.0～2.5MPa							
模具温度 Mold temperature	80～120℃								50～80℃	60～90℃	60～80℃	40～70℃	80～120℃	40～80℃		60～80℃	
退火处理 Annealing	·对于容易留下残留力的成型品， 请在 90 ～ 110℃下进行 1 ～ 3 小时的退火处理 · In cases where molded-in stress readily occurs, please carry out for 1-3 hours at 90-110℃.								–	–	–	–	–	·对于容易留下残留力的成型品，请在 90～110℃下进行 1～3 小时的退火处理 · In cases where molded-in stress readily occurs, please carry out for 1-3 hours at 90-110℃.		–	
其它 Others	·对于在成型机内滞流 10 分钟以上的情形，请首先进行彻底的清机后再进行后续成型（有可能发生烧焦和银纹等外观不良现象） · In cases where the resin resides in the molding machine for more than 10 minutes, carry out thorough purging before restarting molding (external defects such as burning and silver can occur).																

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TARFLON®

TARFLON®主要等级一览表 Major Grades and Major Applications of TARFLON

分类 Category	特点 Features		等级名称 Grade name	用途例 Application
一般等级 Natural grades	非增强 Unfilled	超高流动性 Ultra-high flow	A1700、R1700、IR1700	光盘底板、自动售货机零件、游戏零件、吸尘器、电熨斗、吹风机、剃须刀、灯罩*、防护镜、头盔 （*AMECA 登録ﾌﾞﾚｰﾄﾞ IV1900R,IV2200R） Optical disc shells, vending machine components, pachinko machine components, vacuum cleaners, irons, driers, lamp covers*, goggles, helmets (*: AMECA IV1900R,IV2200R)
		高流动性 High flow	A1900、R1900、IR1900、IV1900R	
		标准 Standard	A2200、R2200、IN2200、IR2200、IV2200R	
		中粘度 Medium viscosity	A2500、R2500、IR2500	
		高粘度 High viscosity	A2600、IN2600、IV2600	薄板、波纹板 Sheeting, corrugated sheeting
玻璃纤维增强等级 Glass fiber reinforced grades	标准 Standard		G1910、G1920、G1930	打印机·复印机零件、液晶投影仪零件、移动终端外壳、电动工具 Printer and copy machine components, Liquid crystal projector components, Portable terminal housings, power tools
	阻燃（无溴无磷） Flame retardant (Non-bromo, non-phosphorus)	1.5mm V-0	GZ2510、GZ2520、GZ2540	
	阻燃（无溴无磷） Flame retardant (Non-bromo, non-phosphorus)	1.4mm V-0	GZ2530	
	良好外观·阻燃（无溴） Good surface · Flame retardant (Non-bromo)	0.75mm V-0	GZK3100、GZK3200	
阻燃等级 Flame retardant grades	无溴无磷 Non-bromo, non-phosphorus	1.5mm V-0, 4mm 5VA	AZ1900	打印机·复印机零件、液晶投影仪零件、端子座、继电器外壳、接插件、模块接口、灯罩、LED 照明、电池盒 Printer and copy machine components, Liquid crystal projector components, Terminal boards, relay cases, connectors, modular plugs, lamp covers, LED lamps, battery cases
	无溴无磷 透明 Non-bromo, non-phosphorus	3mm V-0	RY1900、RY2200、IRY2200	
	耐热·良流动·无阻燃剂 Heat retardant, flame retardant-free	1.2mm V-0, 2.5mm 5VA	AC1030	
	耐热·高流动·无阻燃剂 Heat retardant, high flow, flame retardant-free	1.5mm V-0, 1.2mm 5VA	AC1080	
	电镀·无阻燃剂 Platable, flame retardant-free	2mm V-0, 5VA	AC1090	
	高流动性·无溴元素 High flowability, Non-bromo	0.75mm V-0	AK3020	
		1mm V-0	AK3040	
	PC/PS·无溴 PC/PS·Non-bromo	1.5mm V-0 ,5VB	NN2711	
LCD等级 LCD grades	导光 Light guiding	0.4mm V-2	LC1500、LC1700	LCD 导光板 LCD light guide panels
	高反射·遮光性·无溴无磷阻燃 Highly reflective, light blocking effect, Non-bromo, non-phosphorus, flame retardance	1.5mm V-0	URC2500	LCD 发射板、LCD 灯管座、誘導灯反射板 LCD reflective sheets, LCD lamp holders, guide light reflective sheets
	高反射·遮光性·无阻燃剂 Highly reflective · light blocking effect, flame retardance rating with no flame retardant	1mm V-0	URC2501	
	高反射·遮光性·无溴元素阻燃 Highly reflective · light blocking effect, non-bromo , flame retardance	1.5mm V-0	URZ2500、URZ2502、URZ2501	
吹塑等级 Blow molding grades	标准 Standard		IB2500	塑料瓶、異型押出零件 Bottle , profile extrusion
	阻燃 Flame retardant	1.5mm V-0	IBY2500	
合金等级 Alloy grades	电镀性 Platable		SC-170、SC-253	车把、保险杆零件（轿车） Inner door handles, bumper modules (automotive)
	高强度·耐化学药品性 High strength, chemical resistance		SC-300、SC-300G10	车把（轿车） Outer door handles (automotive)
	耐化学药品性·高流动性 Chemical resistance, high flow		SC-420	
	耐化学药品性·高强度·高刚性 Chemical resistance, high strength, high stiffness		SC-429	

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TARFLON® 性能一览表 TARFLON Property Table

					一般等级 Natural grades					吹塑等级 Blow molding grades	
					超高流动性 Ultra-high flow	高流动性 high flow	标准 Standard	中粘度 Medium viscosity	高粘度 吝出成形用 High viscosity / forExtrusion	标准 Standard	阻燃 Flame retardant
	试验项目 Test item	(测试方法及条件) (test method, parameters)	单位 Unit	试验标准 method	#1700	#1900	#2200	#2500	#2600	IB2500	IBY2500
	阻燃性 Flammability	mm thickness	燃烧级别／最小厚度 Flammability class/ minimum thickness	UL94	V-2/0.4-2.4	V-2/0.4-1.8	V-2/0.4-1.8	V-2/0.4-1.8	—	—	V-0/1.5
基本性能 Physical properties	MVR		$cm^3/10min$	ISO 1133 (K 7210)	27	19	12	8	6	1	1
	密度 Density		g/cm^3	ISO 1183 (K 7112)	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	吸水率 Water absorption	24h 50%RH	%	ISO 62 (K 7209)	0.23	0.23	0.23	0.23	0.23	0.23	0.23
力学性能 Mechanical properties	拉伸（屈服）强度*1 Tensile (yield) strength*1		MPa	ISO 527-1,2	Y 65	Y 65	Y 65	Y 65	Y 65	Y 65	Y 65
	拉伸破坏应变 *2 Tensile deflection at rupture*2		%	(K 7161, 7162)	tB 95	tB 95	tB 95	tB 90	tB 90	tB 60	tB 60
	弯曲强度 Flexural strength		MPa	ISO 178	90	90	90	90	90	90	90
	弯曲模量 Flexural modulus		GPa	(K 7171)	2.3	2.3	2.3	2.2	2.2	2.3	2.3
	摆锤式冲击强度 Charpy impact strength		kJ/m^2	ISO 179-1 (K 7111)	40	70	80	90	90	80	80
	洛氏硬度 Rockwell hardness		R, M scale	ISO 2039-2 (K7202-2)	R120,M50	R120,M50	R120,M50	R120,M50	R120,M50	R120,M50	R120,M50
热性能 Thermal properties	热变形温度 Deflection temperature under load	0.45MPa	℃	ISO 75-1,2	—	—	—	—	—	—	—
		1.8MPa		(K 7191-1,2)	125	125	125	130	130	132	132
	线性膨胀系数 Coefficent of linear thermal expansion		$\times 10^{-5}$/C	ISO 11359-2	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	成型收缩率 Mold shrinkage	2mmt MD	%	出光法 Idemitsu method	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7
		TD	%		0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7
电性能 Electrical properties	耐高电压性（绝缘破坏强度） Breakdown voltage (dielectric strength)		kV/mm	IEC 60243-1 (C2110)	30	30	30	30	30	30	30
	抗电弧性 Arc resistance		s	ASTM D495	110	110	110	110	110	110	110
	CTI		UL Index	UL746A	2	2	2	2	—	—	—
	比介电常数 Dielectric constant	at 1MHz		IEC 60250	2.85	2.85	2.85	2.85	2.85	2.85	2.85
	ISO材质标识 ISO material expression				>PC<	>PC<	>PC<	>PC<	>PC<	>PC<	>PC<
等级 Grades	基本等级 Basic grades				A1700	A1900	A2200	A2500	A2600		
	良好脱模性 Good mold release				R1700	R1900	R2200	R2500	—		
	冰蓝色等级 Ice color grades				—	—	IN2200	—	IN2600		
	良好脱模性・冰蓝色等级 Good mold release·Ice color grades				IR1700	IR1900	IR2200	IR2500	—		
	耐候性・冰蓝色等级 Weather resistance·Ice color grades				—	—	—	—	IV2600		
	良离型・耐候性・冰蓝色等级 Good mold release·Weather resistance·Ice color grades				—	IV1900R	IV2200R	—	—		

*1 当在拉伸屈服强度时，测得值前加 Y　　Y：Yield strength

*2 当在拉伸破坏伸张率时，测得值前加 tB　　tB：Nominal tensile strain at break

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TARFLON® 性能一览表 TARFLON Property Table

					玻璃纤维增强等级 Glass fiber reinforced grades									阻燃等级 Flame retardant grades						
					标准 Standard			阻燃（无溴・无磷）Flame retardant (non-bromo,non-phosphorus)				阻燃 良好外观（无溴）Good surface-Flame retardant (Non-bromo)		无溴无磷 Non-bromo, non-phosphorus	高流动性 良好脱模性 无溴元素 High flowability, good mold release, Non-bromo, non-phosphorus,	标准・良离型 无溴元素 Standard,good mold release,Non-bromo, non-phosphorus	耐热性 无阻燃剂 Heat resistance, flame retardant-free	耐热性 高流动性 无阻燃剂 Heat resistance, High flowability, flame retardant-free	电镀 高流动性 无阻燃剂 Platable, High flowability, flame retardant-free	高流动性 无溴元素 High flowability, Non-bromo
	试验项目 Test item	(测试方法及条件) (test method, parameters)	单位 Unit	试验标准 method	G1910	G1920	G1930	GZ2510	GZ2520	GZ2530	GZ2540	GZK3100	GZK3200	AZ1900	RY1900	RY2200 IRY2200	AC1030	AC1080	AC1090	AK3020
	阻燃性 Flammability	燃烧级别 最小厚度 Flammability class minum thickness	mm thickness	UL94	—	—	—	V-0/1.5	V-0/1.5	V-0/1.4	V-0/1.5	V-0/0.75	V-0/0.75	V-0/1.5 5VA/4	V-0/3	V-0/3	V-0/1.2 5VA/2.5	V-0/1.5 5VA/2	V-0/2 5VA/2	V-0/0.75
基本性能 Physical properties	MVR		$cm^3/10min$	ISO 1133(K 7210)	—	—	—	—	—	—	—	—	—	18	18	12	27	—	—	—
	密度 Density		g/cm^3	ISO 1183(K 7112)	1.27	1.33	1.42	1.27	1.33	1.42	1.51	1.26	1.34	1,2	1,2	1.2	1.2	1.22	1.21	1.19
	吸水率 Water absorption	24h 50%RH	%	ISO 62(K 7209)	0.15	0.13	0.11	0.15	0.13	0.11	0.1	0.13	0.13	0.23	0.23	0.23	0.23	0.23	0.23	0.23
力学性能 Mechanical properties	拉伸（屈服）强度*1 Tensile (yield) strength*1		MPa	ISO 527-1,2	80	110	130	80	110	130	130	70	90	Y 65	Y 65	Y 65	Y 60	Y60	Y60	Y 65
	拉伸破坏应变 *2 Tensile deflection at rupture*2		%	(K 7161, 7162)	5	4	4	5	4	4	2	4	3	tB 95	tB 95	tB 95	tB 90	tB 95	tB90	tB90
	弯曲强度 Flexural strength		MPa	ISO 178	120	160	180	120	160	180	185	85	130	90	90	90	90	90	95	90
	弯曲模量 Flexural modulus		GPa	(K 7171)	3.5	5.9	7.9	3.5	5.9	7.9	11.3	3800	5700	2.3	2.3	2.3	2.2	2.85	2.9	2.5
	摆锤式冲击强度 Charpy impact strength		kJ/m^2	ISO 179-1(K 7111)	8	13	17	8	13	17	11	10	8	80	70	80	40	20	20	40
	洛氏硬度 Rockwell hardness		R, M scale	ISO 2039-2(K7202-2)	M65	M70	M75	M65	M70	M75	M75	M80	M80	R120,M50	R120,M50	R120,M50	R120,M50	—	—	R120
热性能 Thermal properties	热变形温度 Deflection temperature under load	0.45MPa	℃	ISO 75-1,2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	110
		1.8MPa		(K 7191-1,2)	142	145	147	142	145	147	147	96	98	125	125	125	125	120	120	100
	线性膨胀系数 Coefficent of linear thermal expansion		$\times 10^{-5}$/C	ISO 11359-2	4.5	2.5	2.3	4.5	2.5	2.3	1.9	—	3.7	6.5	6.5	6.5	6.5	—	—	—
	成型收缩率 Mold shrinkage	2mmt MD	%	出光法 Idemitsu method	0.4	0.2	0.15	0.4	0.2	0.15	0.12	0.3	0.2	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7
		TD	%		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.4	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7
电性能 Electrical properties	耐高电压性（绝缘破坏强度） Breakdown voltage (dielectric strength)		kV/mm	IEC 60243-1(C2110)	—	—	—	>22	>22	>22	>22	>22	>22	30	30	30	30	—	—	—
	抗电弧性 Arc resistance		s	ASTM D495	—	—	—	110	110	110	110	110	110	110	110	110	110	—	—	—
	CTI		UL Index	UL746A	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—
	比介电常数 Dielectric constant	at 1MHz		IEC 60250	—	—	—	2.95	2.95	2.95	2.95	2.95	2.95	2.85	2.85	2.85	2.85	—	—	—
	ISO材质标识 ISO material expression				>PC-GF10<	>PC-GF20<	>PC-GF30<	>PC-GF10<	>PC-GF20<	>PC-GF30<	>PC-GF40<	>PC-GF10FR(40)<	>PC-GF20FR(40)<	>PC<	>PC<	>PC<	>PC<	>PC<	>PC<	>PC-FR(40)<

					阻燃等级 Flame retardant grades		LCD等级 LCD grades							合金等级 Alloy grades					
					高流动性 无溴元素 High flow, Non-bromo	PC/PS 无溴 PC/PS-Non-bromo	超高流动性 导光 Super high flow, Light guiding,	高流动性 导光 High flow, Light guiding,	高反射遮光性 无溴无磷 阻燃 Highly reflective,light blocking effect,Non-bromo, non-phosphorus, Flame retardant	高反射遮光性 无阻燃剂 阻燃 Highly reflective, light blocking effect, flame retardant&free	高反射遮光性 无溴元素・阻燃 Highly reflective,light blocking effect, Non-bromo,Flame retardant			电镀性 Platable	高强度耐化学 药品性 High strength, chemical resistance		耐化学药品性 高流动性 Chemical resistance, High flow	耐化学药品性 高强度 高刚性 Chmical resistance, high strength, high stiffness	
	试验项目 Test item	(测试方法及条件) (test method, parameters)	单位 Unit	试验标准 method	AK3040	NN2711	LC1500	LC1700	URC2500	URC2501	URZ2500	URZ2502	URZ2501	SC-170	SC-253	SC-300	SC-300G10	SC-420	SC-429
	阻燃性 Flammability	燃烧级别 最小厚度 Flammability class minum thickness	mm thickness	UL94	V-0/1.0	V-0/1.5 5VB/1.5	V-2/0.4	V-2/0.4	V-0/1.5	V-0/1.0	V-0/1.5	V-0/1.5	V-0/1.5	—	—	—	—	—	—
基本性能 Physical properties	MVR		$cm^3/10min$	ISO 1133(K 7210)	—	13	65	40	28	32	42	20	18	—	—	—	—	—	—
	密度 Density		g/cm^3	ISO 1183(K 7112)	1.19	1.2	1.2	1.2	1.28	1.38	1.28	1.33	1.38	1,11	1,11	1.21	1.28	1.21	1.26
	吸水率 Water absorption	24h 50%RH	%	ISO 62(K 7209)	0.23	0.25	0.23	0.23	—	—	—	—	—	0.23	0.23	0.25	0.15	0.25	0.23
力学性能 Mechanical properties	拉伸（屈服）强度*1 Tensile (yield) strength*1		MPa	ISO 527-1,2	Y 65	Y 60	Y 65	Y 65	60	50	60	60	60	Y 50	Y 45	Y 60	80	Y 60	Y 65
	拉伸破坏应变 *2 Tensile deflection at rupture*2		%	(K 7161, 7162)	tB 60	tB 70	tB 80	tB 95	tB 70	tB 70	tB 60	tB 80	tB 60	tB 85	tB 95	tB 100	4	tB 100	tB 100
	弯曲强度 Flexural strength		MPa	ISO 178	90	50	90	90	90	80	90	90	90	65	60	90	125	80	90
	弯曲模量 Flexural modulus		GPa	(K 7171)	2.5	3.2	2.3	2.3	2.4	2.2	2.6	2.6	2.7	1.95	1.7	2.2	4	2.15	2.4
	摆锤式冲击强度 Charpy impact strength		kJ/m^2	ISO 179-1(K 7111)	40	55	15	40	40	30	15	50	40	50	50	74	9	70	50
	洛氏硬度 Rockwell hardness		R, M scale	ISO 2039-2(K7202-2)	R120	R120,M50	—	—	—	—	—	—	—	R100	R95	R120	R120	R120	R120
热性能 Thermal properties	热变形温度 Deflection temperature under load	0.45MPa	℃	ISO 75-1,2	110	93	—	—	138	136	127	127	127	—	—	—	—	—	—
		1.8MPa		(K 7191-1,2)	100	82	127	128	126	125	117	117	117	100	100	114	135	109	108
	线性膨胀系数 Coefficent of linear thermal expansion		$\times 10^{-5}$/C	ISO 11359-2	—	6.5	—	—	—	—	—	—	—	6.3	6.3	7	—	7	—
	成型收缩率 Mold shrinkage	2mmt MD	%	出光法 Idemitsu method	0.5~0.7	0.4~0.5	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.6~0.7	—	0.7~0.8	—
		TD	%		0.5~0.7	0.4~0.5	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.5~0.7	0.6~0.7	—	0.7~0.8	—
电性能 Electrical properties	耐高电压性（绝缘破坏强度） Breakdown voltage (dielectric strength)		kV/mm	IEC 60243-1(C2110)	—	30	—	—	—	—	—	—	—	—	—	—	—	—	—
	抗电弧性 Arc resistance		s	ASTM D495	—	110	—	—	—	—	—	—	—	—	—	—	—	—	—
	CTI		UL Index	UL746A	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	比介电常数 Dielectric constant	at 1MHz		IEC 60250	—	2.85	—	—	—	—	—	—	—	—	—	—	—	—	—
	ISO材质标识 ISO material expression				>PC-FR(40)<	>PC-PS-TD10-FR(40)<	>PC<	>PC<	>PC-MD10<	>PC-MD20<	>PC-MD10FR(40)<	>PC-MD15FR(40)<	>PC-MD20FR(40)<	>PC+ABS<	>PC+ABS<	>PC+PET<	>PC+PET-GF10<	>PC+PET<	>PC+PET-TD5<

*1 当在拉伸屈服强度时，测得值前加 Y　*2 当在拉伸破坏伸张率时，测得值前加 tB　Y：Yield strength　tB：Nominal tensile strain at break

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