

WONDERLOY® PC-6201

PC/ABS Alloy, 具有高耐熱和無鹵阻燃性

特性 PROPERTIES	測試條件 CONDITION	數值 VALUE	單位 UNIT	測試方法 METHOD
<u>物理性質 PHYSICAL</u>				
比重 Specific Gravity	23°C	1.17	---	ISO 1183
體積熔融指數 Melt Volume-Flow Rate	260°C/2.16kg	15	cm3/10min	ISO 1133
硬度 Rockwell Hardness	23°C	116	R-scale	ISO 2039-2
<u>機械性質 MECHANICAL</u>				
拉 伸 強 度 Tensile Strength@Yield	50mm/min	55	Mpa	ISO527-2
延 伸 率 Tensile Elongation@Break	50mm/min	110	%	ISO527-2
彎曲強度 Flexural Strength	2mm/min	70	Mpa	ISO178
彎曲彈性模數 Flexural Modulus	2mm/min	2,150	Mpa	ISO178
IZOD 衝擊強度 Izod Impact(1/8")	Notched, 23°C	55	KJ/m2	ISO180
<u>熱性質 THERMAL</u>				
熱變形溫度 Unanneal Heat Distortion Temp.	3.2mm, 1.82Mp a120°C/hr	98	°C	ISO75-2
維氏軟化溫度 Vicat Softening Temp.	1kg, 50°C/hr	120	°C	ISO306
<u>FLAMMABILITY</u>				
阻燃性 Flame Rating		3.0 mm , V0		UL-94
灼熱絲 GWFI		2.0mm , 850°C		IEC 60695-2-11:2000/ GB/T 5169.11-2006
<u>加工建議條件 PROCESSING PARAMETERS</u>				
乾燥溫度 Drying Temperature		100	°C	
乾燥時間 Drying Time		4	Hrs	
射出機套筒溫度 Barrel Temperature		240~280	°C	
模具溫度 Mold Temperature		50~100	°C	

CHIMEI

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