

Electroplating ABS POLYLAC[®] Characteristics PA-727

特性 PROPERTIES	測試方法 ASTM TEST METHOD	測試條件 TEST CONDITION	單位 UNIT	電鍍級 ELECTROPLATING
				PA-727
熔融指數 Melt Flow Index	D1238	200 °C, 5 Kg	g/10 min	1.6
		220 °C, 10 Kg		-
比重 Mass Density	D792	23 °C	-	1.04
硬度 Hardness	D785	-	R Scale	113
拉伸強度 (屈服) Tensile Strength (Yield)	D638	6 mm/min	Kg/cm ²	465
			lb/in ²	6590
延伸率 Tensile Elongation	D638	6 mm/min	%	40
彎曲強度 Flexural Strength	D790	2.8 mm/min	Kg/cm ²	730
			lb/in ²	10300
彎曲彈性模數 Flexural Modulus	D790	2.8 mm/min	10 ⁴ Kg/cm ²	2.5
			10 ⁵ lb/in ²	3.5
IZOD 衝擊強度 Izod Impact Strength	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	26
			ft-lb/in	4.7
		3.2 mm, 23°C	Kg-cm/cm	29
			ft-lb/in	5.3
維氏軟化溫度 Vicat Softening Temp.	D1525	1 Kg, 50 °C/hr	°C	106
			°F	223
熱變形溫度 Heat Distortion Temp.	D648	1.8 MPa Annealed	°C	97
			°F	207
		1.8 MPa Unannealed	°C	87
			°F	190
UL 燃燒等級 UL Flammability	UL 94	-	-	1.5 mm HB

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Notes : These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

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