

## General ABS POLYLAC® Characteristics PA-747

特性 <b>PROPERTIES</b>	測試方法 <b>ASTM TEST METHOD</b>	測試條件 <b>TEST CONDITION</b>	單位 <b>UNIT</b>	通用級 <b>GENERAL</b>
				<b>PA-747</b>
熔融指數 <b>Melt Flow Index</b>	D1238	200 °C, 5 Kg	g/10 min	1.1
		220 °C, 10 Kg		-
比重 <b>Mass Density</b>	D792	23 °C	-	1.03
硬度 <b>Hardness</b>	D785	-	R Scale	108
拉伸強度 (屈服) <b>Tensile Strength (Yield)</b>	D638	6 mm/min	Kg/cm <sup>2</sup>	385
			lb/in <sup>2</sup>	5470
延伸率 <b>Tensile Elongation</b>	D638	6 mm/min	%	30
彎曲強度 <b>Flexural Strength</b>	D790	2.8 mm/min	Kg/cm <sup>2</sup>	620
			lb/in <sup>2</sup>	8800
彎曲彈性模數 <b>Flexural Modulus</b>	D790	2.8 mm/min	10 <sup>4</sup> Kg/cm <sup>2</sup>	2.2
			10 <sup>5</sup> lb/in <sup>2</sup>	3.1
IZOD 衝擊強度 <b>Izod Impact Strength</b>	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	32
			ft-lb/in	5.9
		3.2 mm, 23°C	Kg-cm/cm	41
			ft-lb/in	7.5
維氏軟化溫度 <b>Vicat Softening Temp.</b>	D1525	1 Kg, 50 °C/hr	°C	103
			°F	217
熱變形溫度 <b>Heat Distortion Temp.</b>	D648	1.8 MPa Annealed	°C	95
			°F	203
		1.8 MPa Unannealed	°C	85
			°F	186
UL 燃燒等級 <b>UL Flammability</b>	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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