

## Flame Retardant ABS POLYLAC<sup>®</sup> Characteristics PA-765

特性 PROPERTIES	測試方法 ISO TEST METHOD	測試條件 TEST CONDITION	單位 UNIT	阻燃級 FLAME RETARDANT
				PA-765
熔融指數 Melt Flow Index	1133	220 °C, 10 Kg	ml/10 min	49
比重 Mass Density	1183	23 °C	g/cm <sup>3</sup>	1.19
硬度 Ball Indentation Hardness	2039-1	H358/30	N/mm <sup>2</sup>	79
拉伸強度 Tensile Strength	527	50 mm/min,yield	MPa	39
		50 mm/min,break	MPa	34
延伸率 Tensile Elongation	527	50 mm/min	%	10
彎曲強度 Flexural Strength	178	2 mm/min	MPa	55
彎曲彈性模數 Flexural Modulus	178	2 mm/min	GPa	1.8
IZOD 衝擊強度 Izod Impact Strength	180/1A	Notched	Kj/m <sup>2</sup>	17
	180/1C	Unnotched		-
Charpy 衝擊強度 Charpy Impact Strength	179	Notched	Kj/m <sup>2</sup>	20
撓衝試驗 Impact Flexural Test	179/2C	Notched	Kj/m <sup>2</sup>	12
	179/2D	Unnotched		-
維氏軟化溫度 Vicat Softening Temp.	306	1 Kg,50 °C/hr	°C	92
		5 Kg,50 °C/hr		78
		1 Kg,120 °C/hr		90
		5 Kg,120 °C/hr		80
熱變形溫度 Heat Distortion Temp. / A	75	1.8 MPa Unannealed	°C	74
		1.8 MPa Annealed	°C	90
UL 燃燒等級 UL Flammability	-	UL-94	-	1.0 mm V-1 1.5 mm V-0 1.5 mm 5VB 2.5 mm 5VA

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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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