

## Flame Retardant ABS POLYLAC® Characteristics PA-765B

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>	防火級 <b>FLAME RETARDANT</b>
				<b>PA-765B</b>
熔融指數 <b>Melt Flow Index</b>	D1238	200 °C, 5 Kg	g/10 min	4.2
		220 °C, 10 Kg		-
比重 <b>Mass Density</b>	D792	23 °C	-	1.16
硬度 <b>Hardness</b>	D785	-	R Scale	102
拉伸強度 (屈服) <b>Tensile Strength (Yield)</b>	D638	6 mm/min	Kg/cm <sup>2</sup>	400
			lb/in <sup>2</sup>	5670
延伸率 <b>Tensile Elongation</b>	D638	6 mm/min	%	25
彎曲強度 <b>Flexural Strength</b>	D790	2.8 mm/min	Kg/cm <sup>2</sup>	650
			lb/in <sup>2</sup>	9200
彎曲彈性模數 <b>Flexural Modulus</b>	D790	2.8 mm/min	10 <sup>4</sup> Kg/cm <sup>2</sup>	2.4
			10 <sup>5</sup> lb/in <sup>2</sup>	3.4
IZOD 衝擊強度 <b>Izod Impact Strength</b>	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	22
			ft-lb/in	4.0
		3.2 mm, 23°C	Kg-cm/cm	25
			ft-lb/in	4.6
維氏軟化溫度 <b>Vicat Softening Temp.</b>	D1525	1 Kg, 50 °C/hr	°C	92
			°F	198
熱變形溫度 <b>Heat Distortion Temp.</b>	D648	1.8 MPa Annealed	°C	85
			°F	185
		1.8 MPa Unannealed	°C	76
			°F	169
UL 燃燒等級 <b>UL Flammability</b>	UL 94	-	-	1.5 mm V-2 2.5 mm V-0 2.5 mm 5VB 3.0 mm 5VA

July 1, 2021

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

The above statement is based on our current level of knowledge and covers the above products directly manufactured and supplied by CHI MEI CORPORATION at the date of issue. CHI MEI CORPORATION makes no warranties, whether express or implied, and assumes no liability in connection with any use of above information. Notwithstanding the foregoing, CHI MEI CORPORATION shall in no event be held obligated or liable for any claims due to or arising from (i) any customer provided, consigned, materials and/or parts, which are incorporated or adopted in the products; (ii) any combination of the products with material not provided or authorized by our company; (iii) any modifications to the products which are made or directed by customer; (iv) our compliance with the specifications, instructions, and/or designs provided by customer; (v) any anti-trust, unfair competition and/or other unlawful actions effected by customer; or (vi) any defects, infringement, breach and/or violation which are arising out of customer's faults or otherwise not solely and directly attributable to CHI MEI CORPORATION. In no event shall CHI MEI CORPORATION be liable for any indirect, special, exemplary, punitive, or consequential damages (including lost profits) of any nature whatsoever whether arising out of the purchase, shipment, unloading, handling, or use of any product or otherwise.

