

General SMMA ACRYSTEX® Characteristics PM-600

特性 PROPERTIES	測試方法 ASTM TEST METHOD	測試條件 TEST CONDITION	單位 UNIT	一般級 GENERAL
				PM-600
熔融指數 Melt Flow Index	D1238	200 °C, 5 Kg	g/10 min	1.5
比重 Mass Density	D792	23 °C	-	1.12
硬度 Hardness	D785	-	M Scale	85
全光透過率 Light Transmission	D1003		%	91.5
拉伸強度 (斷裂) Tensile Strength (Break)	D638	6 mm/min	Kg/cm ²	690
			lb/in ²	9776
延伸率 Tensile Elongation	D638	6 mm/min	%	5
彎曲強度 Flexural Strength	D790	2.8 mm/min	Kg/cm ²	1000
			1lb/in ²	14200
彎曲彈性模數 Flexural Modulus	D790	2.8 mm/min	10 ⁴ Kg/cm ²	3.1
			10 ⁵ 1lb/in ²	4.4
IZOD 衝擊強度 Izod Impact Strength	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	1.8
			ft-lb/in	0.33
		3.2 mm, 23°C	Kg-cm/cm	2.0
			ft-lb/in	0.37
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	Unannealed	°C	89
			°F	192
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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