

物性表-PROPERTIES

類別 Kind	項目 Item	方法 Method	單位 Unit	試驗值 Value
機械 Mechanical	厚度Thickness	-	mm	10-15
	密度Density	ASTM D792	g/cm ³	0.55 ± 0.03
	拉力強度Tensile Strength	ASTM D638	kg/cm ²	129
			Mpa	12.7
			psi	1833
	彎曲強度Flexural Strength	ASTM D790	kg/cm ²	228
			Mpa	22.4
			psi	3240
	壓縮強度Compressive Strength	ASTM D695	kg/cm ²	130
			Mpa	12.5
			psi	1815
30%時之壓縮強度 Compressive Stress For A Compressive Strain Of 30%	ASTM D695	kg/cm ²	230	
		Mpa	22.6	
		psi	3268	
拉伸時之彈性係數 Modulus Of Elasticity	ASTM D638	kg/cm ²	13710	
		Mpa	1345	
		psi	194827	
硬度Hardness	ASTM D676	SHORE D	75	
耐衝擊強度 Impact Strength (+20°C)	ASTM D256	kg.cm/cm ²	1.5	
		Mpa	0.147	
		psi	21.33	
熱 Thermal	針入度 Vicat Softening Temperature	ASTM D1525	°C	73
	熱膨脹係數(從-30°C到 +50°C) Coefficient Of Linear Thermal Expansion (From -30°C to +50°C)	ASTM D696	mm/m°C	6.583x10 ⁻⁵
	熱變形溫度 Heating Deflection Temperature	ASTM D648	°C	70.8
	熱傳導係數 Thermal Conductivity (From 0°C to +60°C)	ASTM C518	w/mk	0.0768
電氣 Electrical	體積固有抵抗Volume Resistivity	ASTM D257	Ω.cm	2.4041x10 ¹⁵
	表面電阻抵抗Surface Resistance	ASTM D257	Ω	8.4083x10 ¹⁵
	絕緣破壞程度Dielectric Strength	JIS K6911	kv/cm	2.15
耐燃性 Fire Behavior	UL-94 垂直燃燒	UL-94	-	V-0
	防焰一級規範 Antiflaming Test	CNS-7614	-	餘焰時間(sec)0 Remaining flame time (sec) 0 餘燼時間(sec) 0 Embers time (sec) 0

