

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	12-18
	密度Density	ASTM D792	g/cm ³	0.85±0.03
	彎曲強度Flexural Strength	ASTM D790	kg/cm ²	116
			Mpa	11.38
			psi	1650
	壓縮強度Compressive Strength	ASTM D695	kg/cm ²	118
			Mpa	11.6
			psi	1682
	30%時之壓縮強度 Compressive Stress For A Compressive Strain Of 30%	ASTM D695	kg/cm ²	169
			Mpa	16.6
			psi	2413
熱 Thermal	硬度Hardness	ASTM D676	SHORE D	65
	耐衝擊強度 Impact Strength (+20℃)	ASTM D256	kg·cm/cm ²	8.78
			Mpa	0.86
			psi	125
	針入度 Vicat Softening Temperature	ASTM D1525	℃	107.8
電氣 Electrical	熱膨脹係數(從-30℃到+50℃) Coefficient Of Linear Thermal Expansion (From -30℃ to +50℃)	ASTM D696	mm/m℃	13.14x10 ⁻⁵
	熱變形溫度 Heating Deflection Temperature	ASTM D648	℃	84.7
	熱傳導係數 Thermal Conductivity (From 0℃ to +60℃)	ASTM C518	w/mk	0.1256
	體積固有抵抗Volume Resistivity	ASTM D257	Ω.cm	1.5304x10 ¹⁶
	表面電阻抵抗Surface Resistance	ASTM D257	Ω	2.6599x10 ¹⁶
	絕緣破壞程度Dielectric Strength	JIS K6911	kv/cm	4.08

