LONGLITE

酚醛樹脂成型材料

CCP

Phenolic Molding Compound

UL File: E59481
Form : Granular
Storage Life : 1 Year

PMC – T373JC01

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技術資料(Technical Information)

品 質 特 性 表(properties)

測試項目 (Test Items)		測試方法 (Test method)	代表值 (typical value)	
品 級(Grade)		JIS	T373JC01	Unit
一般特性 (Physical properties)	比重 Specific Gravity	K7112	1.42	---
	吸水率 Water Absorption(N)	K6911	0.3	%
	收縮率 Molding Shrinkage	K6915	1.20	%
機械特性 (Mechanical properties)	夏式衝擊強度 Charpy Impact	K7111	3.5	Kgf/cm
	曲折強度 Flexural Strength	K7203	9.5	kgf/mm^2
	引張強度 Tensile Strength	K6911	56	Mpa
	熱變形溫度 Temp. of deflection	K7207	170	^0C
電氣特性 (Electrical properties)	耐電壓 Dielectric Strength	K6915	11	KV/mm
	常態絕緣 Insulation Res.(N)	K6915	10^{10}	Ohm
	煮沸絕緣 Insulation Res.(B)	K6915	10^8	Ohm
UL 相關	UL 94 耐燃	2.0		mm/V-0
	CTI 耐電蝕	4		---
	耐電弧	6		---
	相對熱指數	150		^0C

上述特性值為典型值非保證值.

The above values of properties are typical value , not guaranteed.

產 品 描 述 (Product description)

酚醛成型材料，無機/有機材填充，耐熱性佳，機械強度佳.

Phenolic moulding compound, inorganically filled, organically filled, good heat resistant, good mechanical properties.

用 途 (Application area)

廚房部品、開關部品、電氣部品.

Houseware appliance part，circuit breaker、electrical application

批 號 定 義 (Lot No.)

3 12 06 5 1

序號(Series No.)
生產線別(Line.)
生產日(Date)
生產月(Month(Nov.))
生產年西元年(Year(2013))

建 議 成 形 條 件 (Recommended Moulding Condition)

壓縮/移送成型 (compression/trasfor)

模温 Mould temperature	150-180℃
硬化時間 Curing time(sec/mm)	25 - 35
模腔壓力 Cavity molding pressure	>20MPA
預熱料溫 Temperature of heating	80 - 100℃

保 存 條 件 Storage Condition

儲存溫度 Storage Temperature	25 ± 10 ⁰C
儲存濕度 Storage Humidity	40 - 60 % RH
儲存時間 Storage Life	12 months

包 裝 Packaging

纸袋包装 25kg (25 kg/ paper bag)