



酚醛樹脂成型材料



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

Phenolic Molding Compound

PMC – T399J

301 SONGKIANG ROAD,
7TH FL. TAIPEI, TAIWAN
TEL: (02) 25038131
FAX: (02) 25033378

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	T399J	Unit
一般特性 (Physical properties)	比重 Specific Gravity	K7112	1.76	---
	吸水率 Water Absorption(N)	K6911	0.1	%
	收縮率 Molding Shrinkage	K6915	0.4	%
機械特性 (Mechanical properties)	夏式衝擊強度 Charpy Impact	K7111	5.0	Kgf/cm
	曲折強度 Flexural Strength	K7203	16.0	kgf/mm ²
	引張強度 Tensile Strength	K6911	75	Mpa
	熱變形溫度 Temp. of deflection	K7207	190	°C
電氣特性 (Electrical properties)	耐電壓 Dielectric Strength	K6915	14	KV/mm
	常態絕緣 Insulation Res.(N)	K6915	10 ¹¹	Ohm
	煮沸絕緣 Insulation Res.(B)	K6915	10 ¹⁰	Ohm
UL 相關	UL 94 耐燃		0.76	mm/V-0
	CTI 耐電蝕		2	---
	耐電弧		4	---
	相對熱指數		150	°C

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，尺寸安定優.

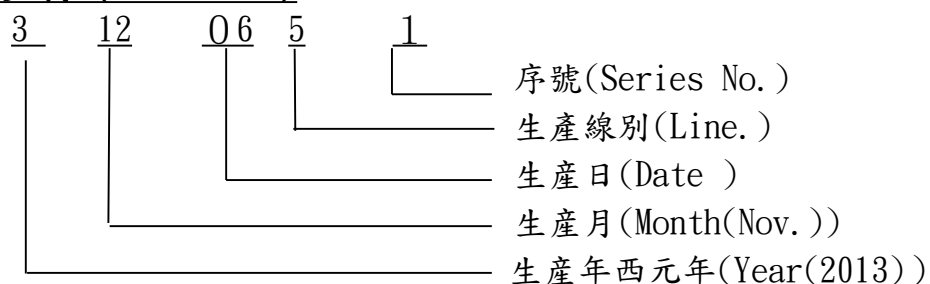
Phenolic moulding compound, inorganically filled, organically filled, good heat resistant, good mechanical properties, excellent dimensional .

用途 (Application area)

電氣部品、滑輪、連動桿

Electrical application , pulley , breaker part

批號定義 (Lot No.)



建議成形條件 (Recommended Moulding Condition)

壓縮/移送成型 (compression/trasfor)

模溫 Mould temperature	150-180℃
硬化時間 Curing time(sec/mm)	10 - 20
模腔壓力 Cavity molding pressure	>20MPA
預熱料溫 Temperature of heating	80 - 100℃

射出成型 (Injection)

料管溫度(Barrel Temp.)	85 ± 10 °C
模具溫度(Mold Temp.)	175 ± 15 °C
背壓(Back Pressure)	Under 10 kgf/cm ²

保存條件 Storage Condition

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

包 装 Packaging

纸袋包装 25kg (25 kg/ paper bag)