



PMP-P-300 之 PMP-P-300US-6 & PMP-P-300US-7 Properties

Soft Thermal Conductivity Silicone

1. PMP-P-300US-6 & PMP-P-300US-7 物理特性表

PROPERTY	PMP-P-300US-6	PMP-P-300US-7	Test method
	表面微黏(Surface adhesive) Thermal conductivity rubber 表面微黏(Surface adhesive)	表面微黏(Surface adhesive) Soft Thermal conductivity rubber 表面微黏(Surface adhesive)	
顏色 Color	Dark Red	Pink	
厚度 Thickness (mm)	0.5 ~ 10	0.5 ~ 10	ASTM D374
比重 Specific gravity	2.4	2.3	ASTM D792
硬度 Hardness (Shore 00)	60	40	ASTM D2240
抗張強度 Tensile strength (Kgf/cm ²)	6.8	5.4	ASTM D412
伸長率 Elongation (%)	72	78	ASTM D412
使用溫度 Continuous Use Temp (°C)	-50~200	-50~200	---
熱傳係數 Thermal conductivity (W/mK)	4.0	4.0	ASTM E1530
破壞電壓 Breakdown Voltage (KV/mm)	15 ↑	15 ↑	ASTM D149
體積電阻 Volume resistance (Ω-cm)	10 ¹² ↑	10 ¹² ↑	ASTM D257
介電常數 Dielectric constant (ε)	60 Hz	5.5	ASTM D150
	1K Hz	5.3	
	1M Hz	5.0	
耐燃等級 UL Flammability	V-0	V-0	E153203 UL 94
有害物質檢測RoHS	PASS	PASS	SGS ICP Test
無鹵素檢測 Halogens free	PASS	PASS	SGS Test

2. PMP-P-300 耐燃等級認證

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 Plastics - Component
 PIONEER CONDUCTOR RUBBER INDUSTRY CO LTD E153203
 WU KU INDUSTRIAL PARK, 4TH FL 99 WU KONG RD HSIN
 CHUANG, TAIPEI HSIEN TAIWAN

Material Dsg	Color	Min Thk mm	Flame Class	H W I	H A I	Elec	RTI Imp	Mech Str	H V T R	D 4 9 5	C T I
Silicone Molding Resin (SIR), conductive, furnished as sheets, tape, vulcanized parts.											
PMP-P-300	ALL	0.50	V-0	—	—	150	150	150	—	—	—
	ALL	1.0	V-0	2	0	150	150	150	0	3	0
	ALL	3.0	V-0	2	0	150	150	150	—	—	—
	NC, BK	5.8	V-0	1	0	150	150	150	—	—	—

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