

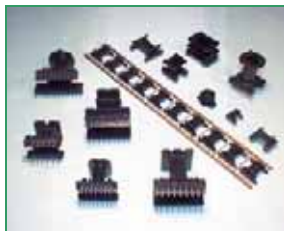
High Performance Specialty

PM 9630 Typical Properties

PM 9630 Phenolic is a single stage glass fiber, and mineral filled special purpose molding compound. It is especially designed for applications requiring high strength and dimensional stability with excellent electric insulation property and good heat resistance and machine ability. Typical applications include coil bobbins, switches and brush holders.

Test Method 测试方法	JIS (Japanese Industrial Standards)	
Features 特征	Glass filled	
Colour 色调	Black	
Material Form 粉末形状	Granular	
Type 种类	1-stage	
Moulding Method 成形方法	Injection	
Physical Properties 物理特性		
- Apparent Density 视密度	K6911	0.41
- Specific Gravity 比重	K6911	1.82
- Moulded Shrinkage 成形收缩率	K6911	0.40 %
- Water Absorption 吸水率	K6911	0.20 %
Mechanical Properties 机械特性		
- Flexural Strength 曲折强度	K6911	186 Mpa
- Compressive Strength 压缩强度	K6911	274 Mpa
- Charpy Impact 冲击强度	K6911	4.80 KJ/m ²
- Deflection Temperature @ 1.82 Mpa - 荷重变形温度 @ 1.82 Mpa	K6911	260 °C
Electrical Properties 电气特性		
- Dielectric Strength @ 60 sec - 耐电压 @ 60 sec	K6911	13 MV/m
- Insulation Resistance 绝缘低抗		
- Before Boiling 常态	K6911	1 x 10 ¹² ohm
- After Boiling 煮沸	K6911	1 x 10 ¹¹ ohm
Flame Resistance 耐燃性		
- UL Flammability UL 燃烧性	UL94	V-0
- Thickness		0.40
JIS Type JIS 种类	HM-R	
Applications 用途	Bobbins for coils, Switches, etc.,	

Note: All specimens prepared by Transfer Moulding.



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