

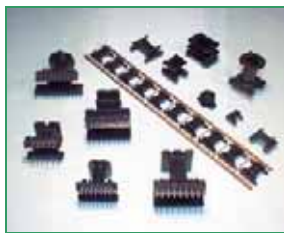
High Performance Specialty

PM 9820 Typical Properties

PM 9820 Phenolic is a single stage special purpose molding compound. It is especially designed for applications requiring strong electrolytic corrosion resistance with good electric insulation property and heat/flame resistance. Typical applications include coil bobbins and switches.

Test Method 测试方法	JIS (Japanese Industrial Standards)	
Features 特征	Non ammonia	
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	1.03
- Specific Gravity 比重	K6911	1.45
- Moulded Shrinkage 成形收缩率	K6911	0.93 %
- Water Absorption 吸水率	K6911	0.45 %
Mechanical Properties 机械特性		
- Flexural Strength 曲折强度	K6911	123 Mpa
- Compressive Strength 压缩强度	K6911	225 Mpa
- Charpy Impact 冲击强度	K6911	3.60 KJ/m ²
- Deflection Temperature @ 1.82 Mpa - 荷重变形温度 @ 1.82 Mpa	K6911	210 °C
Electrical Properties 电气特性		
- Dielectric Strength @ 60 sec - 耐电压 @ 60 sec	K6911	11 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		0.43
JIS Type JIS 种类	EG-R	
Applications 用途	Bobbins for coils, Transformers, etc.,	

Note: All specimens prepared by Transfer Moulding.



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