

High Performance Specialty

PM 8315 Typical Properties

PM 8315 Phenolic is a two-stage special purpose molding compound. It is designed for electrical applications requiring good heat/flame resistance. Typical applications include coil bobbins, switches, and connectors.

Test Method 测试方法	JIS (Japanese Industrial Standards)	
Features 特征	Flame retardant general purpose	
Colour 色调	Black	
Material Form 粉末形状	Granular	
Type 种类	2-stage	
Moulding Method 成形方法	Injection	
Physical Properties 物理特性		
- Apparent Density 视密度	K6911	1.09
- Specific Gravity 比重	K6911	1.40
- Moulded Shrinkage 成形收缩率	K6911	0.85 %
- Water Absorption 吸水率	K6911	0.30 %
Mechanical Properties 机械特性		
- Flexural Strength 曲折强度	K6911	93 Mpa
- Compressive Strength 压缩强度	K6911	235 Mpa
- Charpy Impact 冲击强度	K6911	2.40 KJ/m ²
- Deflection Temperature @ 1.82 Mpa - 荷重变形温度 @ 1.82 Mpa	K6911	175 °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 ¹¹ ohm
- After Boiling 煮沸	K6911	1 x 10 ⁹ ohm
Flame Resistance 耐燃性		
- UL Flammability UL 燃烧性	UL94	V-0
- Thickness	0.50	
JIS Type JIS 种类	GE	
Applications 用途	Bobbins, Switches, Connectors, etc.,	

Note: All specimens prepared by Transfer Moulding.



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