

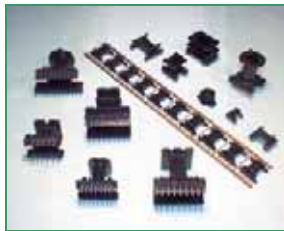
# High Performance Specialty

# PM 8425 Typical Properties

PM 8425 Phenolic is a two-stage special purpose molding compound. It is designed for electrical applications requiring good electric insulation property. Typical applications include coil bobbins, switches, and connectors.

<b>Test Method</b> 测试方法	JIS (Japanese Industrial Standards)	
<b>Features</b> 特征	Flame retardant general purpose	
<b>Colour</b> 色调	Black	
<b>Material Form</b> 粉末形状	Granular	
<b>Type</b> 种类	2-stage	
<b>Moulding Method</b> 成形方法	Injection	
<b>Physical Properties</b> 物理特性		
- Apparent Density 视密度	K6911	1.09
- Specific Gravity 比重	K6911	1.54
- Moulded Shrinkage 成形收缩率	K6911	0.83 %
- Water Absorption 吸水率	K6911	0.25 %
<b>Mechanical Properties</b> 机械特性		
- Flexural Strength 曲折强度	K6911	93 Mpa
- Compressive Strength 压缩强度	K6911	215 Mpa
- Charpy Impact 冲击强度	K6911	2.90 KJ/m <sup>2</sup>
- Deflection Temperature @ 1.82 Mpa 荷重变形温度 @ 1.82 Mpa	K6911	190 °C
<b>Electrical Properties</b> 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 <sup>11</sup> ohm
- After Boiling 煮沸	K6911	1 x 10 <sup>10</sup> ohm
<b>Flame Resistance</b> 耐燃性		
- UL Flammability UL 燃烧性	UL94	V-0
- Thickness		0.50
<b>JIS Type</b> JIS 种类	EG	
<b>Applications</b> 用途	Bobbins, Connectors, etc.,	

**Note:** All specimens prepared by Transfer Moulding.



SumiDurez Singapore Pte Ltd  
Tel: 65-62651717  
Fax: 65-62641916  
[www.sumidurez.com.sg](http://www.sumidurez.com.sg)

**Disclaimer:** The information presented herein, while not guaranteed, was prepared by technical personnel and is true and accurate to the best of our knowledge. No warranty or guarantee, expressed or implied, is made regarding performance, stability or otherwise.

