

General Purpose

PM 8270 Typical Properties

PM 8270 Phenolic is a two-stage general purpose molding compound. It exhibits versatile mouldability plus a balance of physical and electrical properties which make it suitable for many diverse application.

Test Method 测试方法	JIS (Japanese Industrial Standards)	
Features 特征	Moulding latitude	
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	K6915	0.62
- Specific Gravity 比重	K7112	1.42
- Moulded Shrinkage 成形收缩率	K6915	0.75 %
- Water Absorption 吸水率	K6911	0.30 %
Mechanical Properties 机械特性		
- Flexural Strength 曲折强度	K7203	80 Mpa
- Compressive Strength 压缩强度	K7208	190 Mpa
- Impact, Izod 冲击强度	K7111	2.60 KJ/m ²
- Deflection Temperature @ 1.82 MPa - 荷重变形温度 @ 1.82 MPa	K7207	180 °C
Electrical Properties 电气特性		
Dielectric Strength @ 60 sec 耐电压 @ 60 sec	K6915	11 MV/m
- Insulation Resistance 绝缘低抗		
- Before Boiling 常态	K6915	1 x 10 ¹⁰ ohm
- After Boiling 煮沸	K6915	1 x 10 ⁸ ohm
Flame Resistance 耐燃性		
- UL Flammability UL 燃烧性	UL94	V-0
- Thinkness		2.60
Applications 用途	Kitchen appliances Electrical devices, etc.,	

Note: All specimens prepared by Transfer Moulding.



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