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江西卓成云母电工器材有限公司
JR Mica Products CO., Ltd



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Company Introduction 公司简介

江西卓成云母电工器材有限公司是一家专业生产耐火云母带、云母卷、云母板和云母异性件产品的高科技公司。

公司拥有先进的生产设备和专业的检测设备，已建成年产1000吨耐火云母带的生产能力。

公司拥有多名具有15年以上云母行业经验的资深专业技术人员，严格按照ISO9001:2008质量管理体系管理运作。

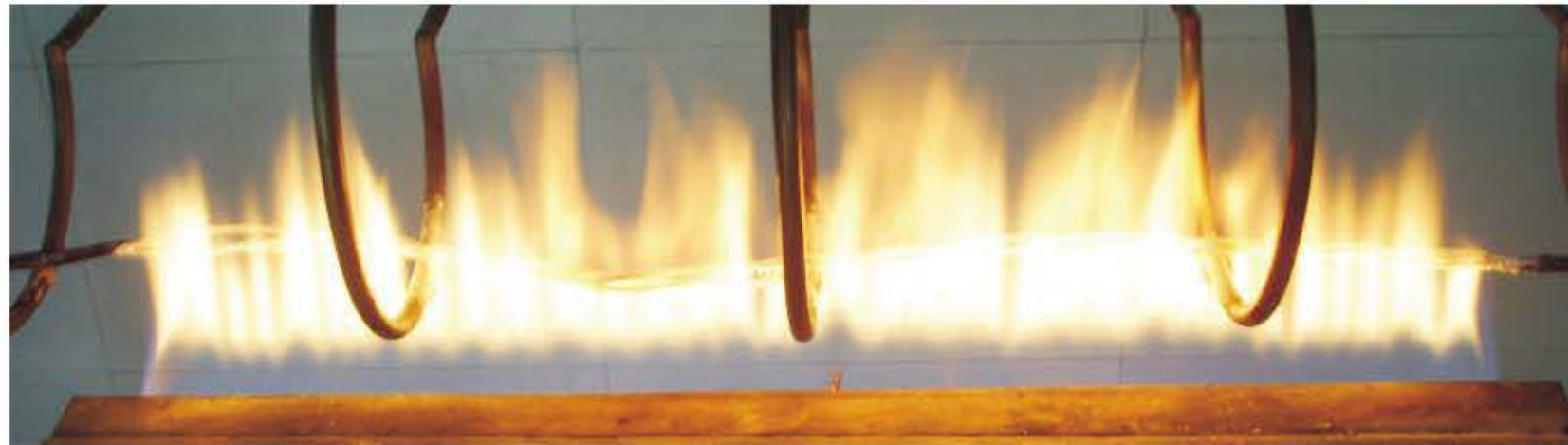
公司秉承诚信立足，以质为本，创新致远，用户至上，是您可以信赖的云母专业制造商。

JR Mica Products Co., Ltd is a high-tech company specializing in producing Fire Resistant Mica tape, Mica roll, Mica plate and Mica parts.

With advanced production and testing equipment, JR Mica has capacity to produce 1000 tons Fire Resistant Mica Tapes per year.

With senior engineers having more than 15 years experience in Mica product industrial field, JR Mica is producing high quality mica products strictly according to ISO 9001:2008 quality management system.

JR Mica is targeting to customer satisfaction by conducting principle of Quality first, Innovation leading and best services, JR Mica is your reliable partner and supplier of the Mica products.



❖ 云母带简介

JR系列云母带是一种高性能的云母绝缘制品, 具有优良的耐高温性能和耐燃烧性能。具有良好的柔软性, 单卷长度可达2000M、抗拉强度高, 非常适合电缆生产中的高速包绕。

JR系列云母带按结构可分为以下类别:

- JR-P-GS: 全云母单面玻纤补强耐火云母带
- JR-P-GD: 全云母双面玻纤补强耐火云母带
- JR-P-FS: 全云母单面薄膜补强耐火云母带
- JR-P-GFD: 全云母玻纤与薄膜补强耐火云母带
- JR-S-GS: 合成云母单面玻纤补强耐火云母带
- JR-S-GD: 合成云母双面玻纤补强耐火云母带
- JR-S-FS: 合成云母单面薄膜补强耐火云母带
- JR-S-GFD: 合成云母玻纤与薄膜补强耐火云母带
- JR-M-GS: 煅烧云母单面玻纤补强耐火云母带
- JR-P-R: 全云母玻纤补强耐火云母卷

❖ 性能特点

高温下绝缘性能优良。JR-P全云母带在温度750-950℃, 电压600V-1000V环境下可保证3小时不发生击穿; JR-S合成云母带在温度950-1050℃, 电压600V-1000V环境下可保证3小时不发生击穿; JR-M煅烧云母带在温度1050℃, 电压600V-1000V环境下可保证3小时不发生击穿。

- 良好的阻燃性能, 不含石棉、在高温下不会产生有毒气体。
- 柔韧性好, 拉伸强度高。
- 产品最薄厚度0.08mm, 最窄分切宽度4.5mm

❖ 可供规格

- 厚度: 0.08mm -- 0.18mm
- 宽度: 4.5mm -- 1000mm
- 长度: 300m -- 2000m,
- 卷径: 52mm, 76mm, 100mm
- 塔盘复绕技术, 最长可达50000m。

❖ 储存期限

- 室温下保存期1年。

❖ 技术指标

- 主要规格技术指标参见附页。

❖ Introduction of mica tape

JR mica tape is a high performance insulation tape to resist high temperature and fire. with good flexibility and maximum pad length up to 2000 m and high tensile strength JR mica tape is very suitable for applying in high-speed cable wrapping in the production of electric cable.

According to the structure, JR mica tape can be divided into the following categories:

- JR-P-GS: Single-side glass fiber reinforced phlogopite Mica Tape
- JR-P-GD: Double-side glass fiber reinforced phlogopite Mica Tape
- JR-P-FS: Single-side PE film reinforced phlogopite Mica Tape
- JR-P-GFD: Double-side glass&PE film reinforced phlogopite Mica Tape
- JR-S-GS: Single-side glass fiber reinforced synthetic Mica Tape
- JR-S-GD: Double-side glass fiber reinforced synthetic Mica Tape
- JR-S-FS: Single-side PE film reinforced synthetic Mica Tape
- JR-S-GFD: Double-side glass&PE film reinforced synthetic Mica Tape
- JR-M-GS: Double-side reinforced Muscovite Tape
- JR-P-R: Glass Fiber reinforced phlogopite Mica Roll

❖ Characteristic

JR-P Phlogopite Mica Tape can ensure cable to pass fire testing at 750-950℃ for 3 hours according to international standards of BS6387 and IEC60331, JR-S Synthetic Mica tape is suitable for fire-resistant cable to fire at 950-1050℃ and JR-M calcinated Muscovite Mica Tape is designed for cable to fire at 1050℃.

- High performance of fire-resistant and environmentally friendly
- Good flexibility property and high tensile strength
- maximum length of re-winding spool is 50000m.

❖ Available Specification

- Thickness: 0.08mm -- 0.18mm
- Width: 4.5mm -- 1000mm
- Length: 300m -- 2000m,
- Inner diameter: 52mm, 76mm, 100mm
- maximum length of re-winding spool can reached 50000m.

❖ Shelf-Life

- 1 year at good storekeeping conditions of dry, clean at room temperature

❖ Parameter

- Detail technical data, please refer to the data sheet.



金云母单面玻纤补强耐火云母带

Single -side Glass Fiber reinforced phlogopite Mica Tapes

项目 Item	单位 Unit	JR-P-GS						
		Size						
		0.08mm	0.10mm	0.11mm	0.12mm	0.13mm	0.14mm	0.15mm
外观 Appearance		表面光滑, 无杂质, 无断裂, 无皱褶, 无补丁 surface smooth, no alien material, no breakage, no folded, no patched.						
带长 Length of tape	m	500, 1000, 2000						
厚度 Thickness	mm	0.08±0.015	0.10±0.015	0.11±0.015	0.12±0.015	0.13±0.015	0.14±0.015	0.15±0.015
带重 Weight of tape	g/m ²	105±10	130±10	145±10	170±15	185±15	210±15	230±20
云母含量 Mica Content	%	>55	>60	>65	>65	>70	>70	>70
击穿电压 Breakdown Voltage	KV	>1.0	>1.1	>1.3	>1.5	>1.7	>2.0	>2.0
拉伸强度 Tensile Strength	N/15mm	≥150	≥160	≥180	≥200	≥200	≥200	≥200
胶粘剂含量 Binder Content	%	13±3	13±3	13±3	13±3	13±3	13±3	13±3
耐火特性 Fire Grades	℃	750 ℃ - 950 ℃, to IEC 60331 and BS6387						

金云母单面薄膜补强耐火云母带

Single-side PE Film reinforced phlogopite Mica Tapes



项目 Item	单位 Unit	JR-P-FS				
		Size				
		0.10mm	0.11mm	0.12mm	0.13mm	0.14mm
外观 Appearance		表面光滑, 无杂质, 无断裂, 无皱褶, 无补丁 surface smooth, no alien material, no breakage, no folded, no patched.				
带长 Length of tape	m	500, 1000, 2000				
厚度 Thickness	mm	0.10±0.015	0.11±0.015	0.12±0.015	0.13±0.015	0.14±0.015
带重 Weight of tape	g/m ²	135±10	160±10	170±15	205±15	215±15
云母含量 Mica Content	%	>65	>70	>75	>75	>75
击穿电压 Breakdown Voltage	KV	>5.0	>5.0	>5.0	>5.0	>5.0
拉伸强度 Tensile Strength	N/15mm	≥130	≥130	≥130	≥130	≥130
胶粘剂含量 Binder Content	%	13±3	13±3	13±3	13±3	13±3
耐火特性 Fire Grades	℃	750 ℃ - 950 ℃, to IEC 60331 and BS6387				



金云母玻纤补强耐火云母卷

Glass Fiber reinforced
Phlogopite Mica Roll



煅烧云母单面玻纤补强耐火云母带

Sing-side Glass Fiber
reinforced Calcinated
Muscovite Mica Tapes



项目 Item	单位 Unit	JR-P-R						
		Size						
		0.2mm	0.3mm	0.4mm	0.5mm	0.6mm	0.7mm	0.8mm
外观 Appearance		表面光滑, 无杂质, 无断裂, 无皱褶, 无补丁 surface smooth, no alien material, no breakage, no folded, no patched.						
带长 Length of tape	m	500, 1000, 2000						
厚度 Thickness	mm	0.2±0.03	0.3±0.03	0.4±0.03	0.5±0.03	0.6±0.03	0.7±0.03	0.8±0.03
带重 Weight of tape	g/m ²	310±30	510±30	650±50	850±50	1000±50	1150±50	1350±50
云母含量 Mica Content	%	>80	>80	>80	>80	>80	>80	>80
击穿电压 Breakdown Voltage	KV	>2.0	>5.0	>5.0	>5.0	>8.0	>8.0	>8.0
拉伸强度 Tensile Strength	N/15mm	≥200	≥200	≥200	≥200	≥200	≥200	≥200
胶粘剂含量 Binder Content	%	15±3	15±3	15±3	15±3	15±3	15±3	15±3
耐火特性 Fire Grades	℃	750℃ - 950℃, to IEC 60331 and BS6387						

项目 Item	单位 Unit	JR-M-GS			
		Size			
		0.11mm	0.12mm	0.13mm	0.14mm
外观 Appearance		表面光滑, 无杂质, 无断裂, 无皱褶, 无补丁 surface smooth, no alien material, no breakage, no folded, no patched.			
带长 Length of tape		500, 1000, 2000			
带重 Weight of tape	g/m ²	150±15	175±15	195±15	220±15
云母含量 Mica Content	%	>60	>60	>60	>60
击穿电压 Breakdown Voltage	KV	>1.8	>2.0	>2.2	>2.5
拉伸强度 Tensile Strength	N/15mm	≥180	≥200	≥200	≥200
胶粘剂含量 Binder Content	%	20±3	20±3	20±3	20±3
耐火特性 Fire Grades	℃	750℃ - 950℃, to IEC 60331 and BS6387			



金云母双面玻纤补强耐火云母带

Double-side Glass fiber reinforced phlogopite Mica Tapes



金云母玻纤与薄膜补强耐火云母带

Double-side Glass Fiber and PE Film reinforced phlogopite Mica Tapes



项目 Item	单位 Unit	JR-P-GD	
		Size	
		0.14mm	0.16mm
外观 Appearance		表面光滑, 无杂质, 无断裂, 无皱褶, 无补丁 surface smooth, no alien material, no breakage, no folded, no patched.	
带长 Length of tape	m	200、500、1000	
厚度 Thickness	mm	0.14 ± 0.02	0.16 ± 0.02
带重 Weight of tape	g/m ²	200 ± 20	220 ± 20
云母含量 Mica Content	%	>60	>60
击穿电压 Breakdown Voltage	KV	> 1.5	>1.8
拉伸强度 Tensile Strength	N/15mm	≥200	≥200
胶粘剂含量 Binder Content	%	10 ± 3	10 ± 3
耐火特性 Fire Grade	℃	750 ℃ - 950 ℃, to IEC 60331 and BS6387	

项目 Item	单位 Unit	JR-P-GFD	
		Size	
		0.14mm	0.16mm
外观 Appearance		表面光滑, 无杂质, 无断裂, 无皱褶, 无补丁 surface smooth, no alien material, no breakage, no folded, no patched.	
带长 Length of tape	m	200、500、1000	
厚度 Thickness	mm	0.14 ± 0.02	0.16 ± 0.02
带重 Weight of tape	g/m ²	200 ± 20	220 ± 20
云母含量 Mica Content	%	>60	>60
击穿电压 Breakdown Voltage	KV	> 3.5	>3.5
拉伸强度 Tensile Strength	N/15mm	≥180	≥180
胶粘剂含量 Binder Content	%	10 ± 3	10 ± 3
耐火特性 Fire Grades	℃	750 ℃ - 950 ℃, to IEC 60331 and BS6387	



合成云母单面玻纤补强耐火云母带

Single-side Glass Fiber reinforced Synthetic Mica Tapes



项目 Item	单位 Unit	JR-S-GS						
		Size						
		0.09mm	0.10mm	0.11mm	0.12mm	0.13mm	0.14mm	0.15mm
外观 Appearance		表面光滑, 无杂质, 无断裂, 无皱褶, 无补丁 surface smooth, no alien material, no breakage, no folded, no patched.						
带长 Length of tape	m	500, 1000, 2000						
厚度 Thickness	mm	0.09±0.015	0.10±0.015	0.11±0.015	0.12±0.015	0.13±0.015	0.14±0.015	0.15±0.015
带重 Weight of tape	g/m ²	115±10	125±10	140±10	160±15	170±15	200±15	220±20
云母含量 Mica Content	%	>55	>60	>65	>65	>65	>70	>70
击穿电压 Breakdown Voltage	KV	>0.9	>1.0	>1.2	>1.4	>1.6	>1.7	>1.9
拉伸强度 Tensile Strength	N/15mm	≥150	≥160	≥180	≥200	≥200	≥200	≥200
胶粘剂含量 Binder Content	%	13±3	13±3	13±3	13±3	13±3	13±3	13±3
耐火特性 Fire Grades	°C	950 °C - 1050 °C, to IEC 60331 and BS6387						

合成云母双面玻纤补强耐火云母带

Double-side Glass Fiber reinforced Synthetic Mica Tapes



项目 Item	单位 Unit	JR-S-GD	
		Size	
		0.14mm	0.16mm
外观 Appearance		表面光滑, 无杂质, 无断裂, 无皱褶, 无补丁 surface smooth, no alien material, no breakage, no folded, no patched.	
带长 Length of tape	m	200, 500, 1000	
厚度 Thickness	mm	0.14 ± 0.02	0.16 ± 0.02
带重 Weight of tape	g/m ²	190 ± 20	210 ± 20
云母含量 Mica Content	%	>60	>60
击穿电压 Breakdown Voltage	KV	>3.5	>3.5
拉伸强度 Tensile Strength	N/15mm	≥200	≥200
胶粘剂含量 Binder Content	%	10 ± 3	10 ± 3
耐火特性 Fire Grades	°C	950 °C - 1050 °C, to IEC 60331 and BS6387	





合成云母玻纤与薄膜补强耐火云母带

Double-side Glass Fiber and PE Film reinforced Synthetic Mica Tapes



项目 Item	单位 Unit	JR-S-GFD	
		Size	
		0.14mm	0.16mm
外观 Appearance		表面光滑, 无杂质, 无断裂, 无皱褶, 无补丁 surface smooth, no alien material, no breakage, no folded, no patched.	
带长 Length of tape	m	200、500、1000	
厚度 Thickness	mm	0.14 ± 0.02	0.16 ± 0.02
带重 Weight of tape	g/m ²	190 ± 20	210 ± 20
云母含量 Mica Content	%	>60	>60
击穿电压 Breakdown Voltage	KV	>3.5	>3.5
拉伸强度 Tensile Strength	N/15mm	≥200	≥200
胶粘剂含量 Binder Content	%	10 ± 3	10 ± 3
耐火特性 Fire Grades	℃	950 ℃ - 1050 ℃, to IEC 60331 and BS6387	

云母纸

Mica paper



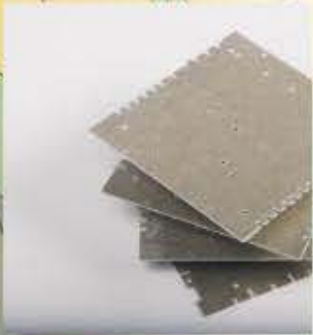
云母纸是以优质白云母、金云母、人工合成云母或煅烧白云母为原料, 用机械法或化学法制浆抄纸, 经分切复卷成的连续卷筒纸。根据所用云母原料属性、制造工艺以及使用领域的不同, 云母纸可分类如下:

Mica paper takes good quality muscovite mica, phlogopite mica, synthetic mica and calcined muscovite mica as the raw material. After mechanical and chemical method, it is slitted and rolled into paper roll. According to difference of raw material, production process and application, Mica paper can be categories into:

云母纸技术参数 Mica Paper parameter																
云母纸型号 Mica Paper Code	单位 Unit	MPM3-B(505)			MPM3(506)			MPM3-L(507)			MPP4(P506)			MPS5(S506)		
定量 Mass per unit area	g/m ²	80	165	300	65	120	250	80	160	270	63	160	350	80	120	190
平均值与标准值的允许公差 Admissible deviation between nominal and mean	%	±4	±4	±5	±4	±4	±5	±4	±4	±5	±4	±4	±5	±4	±4	±5
个别值与标准值的允许公差 Admissible deviation between nominal and individual	%	±6	±6	±7	±6	±6	±7	±6	±6	±7	±6	±6	±7	±6	±6	±7
厚度平均值 Average Thickness	mm	0.055	0.110	0.200	0.055	0.075	0.160	0.052	0.100	0.165	0.045	0.100	0.220	0.052	0.077	0.125
渗透时间 Penetration	s	10	30	90	6	20	45	8	17	65	20	10	90	20	12	7
介电强度 Dielectric Strength	KV/mm	14	14	14	17	17	17	20	20	20	15	15	15	16	16	16
拉伸强度 Tensile Strength	N/cm	8.5	12.5	14.0	2.0	3.5	5.5	2.5	6.0	7.5	3.0	5.0	6.5	2.0	3.5	4.3
加热减量 Heat Loss	%	0.40	0.40	0.40	0.40	0.40	0.40	0.30	0.30	0.30	0.40	0.40	0.40	0.25	0.25	0.25
水萃取物电导率 Conductivity of the Extrac aqueous	us/cm	10	10	10	9	9	9	9	9	9	10	10	10	6	6	6
耐温度 Heat Resistant	℃	500	500	500	500	500	500	600	600	600	700	700	700	1000	1000	1000



云母板 Mica plate				
产品代号Type	白云母硬板 Muscovite plate	金云母硬板 Phlogopite plate	白云母软板 Muscovite flexible plate	金云母软板 Phlogopite flexible plate
粘合剂Binder	有机硅树脂 Silicon resin			
云母纸含量Mica content	≥90%			
胶含量Binder content	≤10%			
厚度Thickness(mm)	0.1-2.0	0.1-2.0	0.1-2.0	0.1-2.0
厚度误差 Thickness tolerance (mm)	平均 Average	±0.02-±0.05	±0.02-±0.05	±0.02-±0.25
	各点 Individual	±0.05-±0.08	±0.05-±0.08	±0.04-±0.06
密度Density(g/cm ³)	1.6-2.4	1.6-2.4	1.6-2.2	1.6-2.2
加热减重Heat loss at 500℃	≤1.00%	≤0.60%	≤2.00%	≤2.00%
弯曲强度 Flexural strength(Mpa)	≥180	≥140	<1	<1
电气强度 Dielectric strength(KV/mm)	>20	>18	>15	>15
高温绝缘电阻 Insulation resistance(MΩ)	200-600	100-600	/	/
长期工作温度 Long run work temperature	500℃	800℃	500℃	800℃
标准尺寸 Standard size(mm)	1000×600	1000×1200	1000×2400	
测试标准 Standard reference	GB5019-85, IEC371			



云母管公差标准 Tolerance for Mica Tube		
云母管直径 Standard Internal Dia (mm)	内径公差 Internal Dia (mm)	外径公差 External Dia (mm)
<10	±0.3	±0.4
10-20	±0.4	±0.5
21~50	±0.5	±0.7
51~100	±0.6	±1.0
101~200	±0.8	±1.2
201~300	±1.0	±1.5

2.0mm-50mm白(金)云母硬板 2.0mm-50mm High performance thermal and electrical insulation plate			
项目 Item	参照标准 Code	单位 Unit	技术参数 Spec
胶含量 Binder content	IEC371-2	%	10~15
云母纸含量 Mica content	IEC371-2	%	>85
密度 Density	IEC371-2	(g/cm ³)	2.1-2.25
厚度误差 thickness tolerance	IEC371-3	%	±5
吸水率 Water absorption	ASTM D229	%	<0.5
加热减重 Heat loss at 550℃	/	%	<1
弯曲强度 Flexural strength	ISO178	(Mpa)	>230
阻燃性 Flam resisance	UI94	/	94V-0
电气强度 Dielectric strength	IEC243	(KV/mm)	>25
长期工作温度 Long run work temperature	/	℃	500/800
标准尺寸 Standard size (mm)	1000×600 1000×1200 1000×2400		

BE EXCELLENT
MICA MANUFACTURER

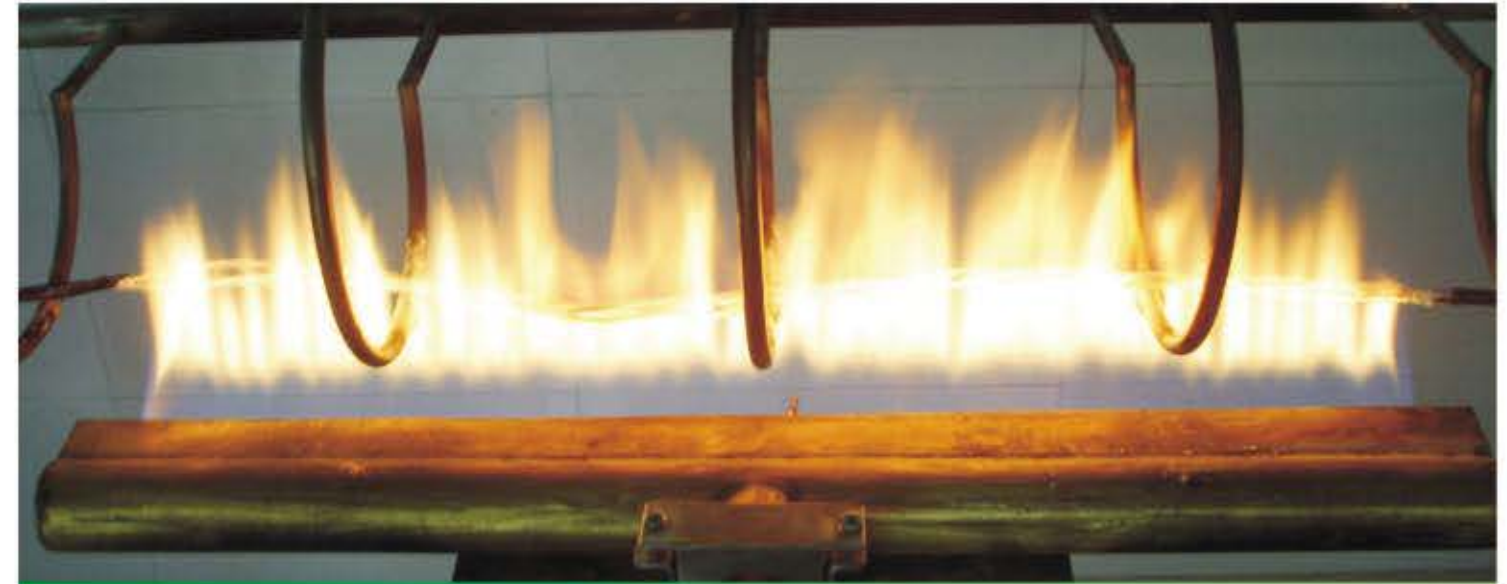
业精于勤 荒于嬉
做最专业的云母制造商





耐火云母带专用玻璃纤维布
Glass Fiber Cloth

产品代号 Mark of Fabric	厚度 Thickness	克重 Density	经纬密度 Yarn count (threads/cm)		拉力强度 Tensile strength (N/25mm)		宽幅 Width (mm)	匹长 Length (m)	含水率 Water content	含油率 Sizing content	织法 Texture
			经 WARP	纬 WEFT	经 WARP	纬 WEFT					
EW28	0.028 ± 0.005	19 ± 1	20 ± 1	8 ± 1	> 200	> 40	910	1000-2000	< 0.03%	< 1.2%	平织 PLAIN WEAVE
EW28B	0.028 ± 0.005	20 ± 1	22 ± 1	8 ± 1	> 220	> 40	910	1000-2000			
EW30	0.030 ± 0.005	23 ± 1	23 ± 1	10 ± 1	> 260	> 60	910	1000-2000			
EW32	0.032 ± 0.005	24 ± 1	24 ± 1	12 ± 1	> 290	> 70	910	1000-2000			
EW32A	0.032 ± 0.005	23 ± 1	24 ± 1	10 ± 1	> 290	> 60	910	1000-2000			
EW35	0.035 ± 0.005	26 ± 1	26 ± 1	12 ± 1	> 340	> 70	1020	1000-2000			
EW40	0.040 ± 0.005	31 ± 2	20 ± 1	10 ± 1	> 350	> 80	910	1000-2000			
EW45	0.045 ± 0.005	35 ± 2	24 ± 1	12 ± 1	> 420	> 70	910	1000			
EW50	0.050 ± 0.010	45 ± 5	24 ± 1	22 ± 1	> 420	> 190	910	500-600			
EW60	0.060 ± 0.010	48 ± 5	20 ± 1	20 ± 1	> 275	> 275	1000	500-1000			
EW62	0.062 ± 0.010	70 ± 5	18 ± 1	18 ± 1	> 590	> 290	910	500-600			
EW100	0.100 ± 0.010	100 ± 10	20 ± 1	20 ± 1	> 660	> 560	1050	500-1000			
EW160	0.160 ± 0.010	160 ± 15	14 ± 1	10 ± 1	> 800	> 600	1000	500-600			
EW200	0.200 ± 0.010	200 ± 15	17 ± 1	12 ± 1	> 880	> 730	1270	500-600			



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