

Lijian Composite Materials Co.,LTD.

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Basalt Fiber Mat

- FRP process
- Advanced air filtration system
- Electronics industry filtration, sound absorption, heat insulation, anti-vibration system
- Chemical, toxic and harmful gases, smoke and dust filtration systems
- Ships, vessels and heat insulation, thermal insulation, noise reduction
- Car muffler



Seirlas-3

- Serials-1:Basalt fiber surface mat
- Serials-2:Basalt fiber chopped strand mat
- Serials-3:Basalt fiber Needle mat

- Technical Datas for Serials-1 Basalt fiber surface mat

| Codes | Filament Dia. μm | Density g/m^2 | Width mm | LOI % | Moisture % | Suitable Resin |
|--------|-----------------------------|-------------------------------|----------|-------|------------|-----------------|
| BSM30 | 11 | 30 | 1000 | 6~13 | ≤ 0.1 | Epoxy,Polyester |
| BSM40 | 11 | 40 | 1000 | 6~26 | ≤ 0.1 | Epoxy,Polyester |
| BSM50 | 11 | 50 | 1000 | 6~26 | ≤ 0.1 | Epoxy,Polyester |
| BSM100 | 11 | 100 | 1000 | 6~26 | ≤ 0.1 | Epoxy,Polyester |

- Technical Datas for Serials-2 Basalt fiber chop strand mat

| Codes | Density g/m^2 | Resin Type | Width mm | Suitable Resin |
|--------|-------------------------------|-----------------|----------|-----------------|
| BCM300 | 300 ± 20 | Polyester,Power | 1040 | Epoxy,Polyester |
| BCM450 | 450 ± 30 | Polyester,Power | 1040 | Epoxy,Polyester |
| BCM600 | 600 ± 40 | Polyester,Power | 1040 | Epoxy,Polyester |

- Technical Datas for Serials-3 Basalt fiber needle mat

| Codes | Thickness mm | Width mm | Volume Density g/m^3 | Density g/m^2 | Length m/roll |
|---------|--------------|----------|--------------------------------------|-------------------------------|---------------|
| BNM500 | 6 | 1000 | 100-200 | 500 | 40 |
| BNM750 | 8 | 1000 | 140-200 | 750 | 30 |
| BNM950 | 10 | 1000 | 140-200 | 950 | 30 |
| BNM1750 | 25 | 1000 | 140-200 | 1750 | 20 |

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