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## STATIC DISSIPATIVE LAMINATE

EFR4/AS

MICAM's EFR4/AS is a static dissipative flame retardant epoxy material, which has a surface resistivity of 10<sup>6</sup> to 10<sup>9</sup> ohms per square, and is suitable for use in test fixtures.

| Characteristics | Static dissipative laminate  |  |  |
|-----------------|--|--|--|
| Surface Colour  | Black  |  |  |
| Core Colour     | EFR4/AS single sided and double side – Translucent Green<br>EFR4/AS through all layers of the laminate – Black |  |  |
| Thickness       | 0.5 mm to 50mm available on request  |  |  |
| Sheet Size      | 1220mm x 920mm (panel sizes cut on request)  |  |  |

|                                |                                    | units      | test method |
|--------------------------------|------------------------------------|------------|-------------|
| GENERAL PROPERTIES             |                                    |            |             |
| Relative Density               | 1.9                                | -          | IEC 1183-A  |
| Water Absorption               | 0.08                               | %50x50x3mm | IEC 62-1    |
| Temperature Rating             | 130                                | °C         | -           |
| Flammability                   | flame retardant                    | -          | -           |
| MECHANICAL PROPERTIES          |                                    |            |             |
| Flexural Strength (Lengthwise) | 470                                | MPa        | ISO 178     |
| Izod Impact Strength           | 65                                 | kJ/m²      | ISO 180/2A  |
| Tensile Strength               | 345                                | MPa        | ISO 527     |
| Compressive Strength Flatwise  | 500                                | MPa        | ISO 604     |
| ELECTRICAL PROPERTIES          |                                    |            |             |
| surface resistivity            | 10 <sup>6</sup> to 10 <sup>9</sup> | Ω/sq.      | EN61340     |

## ENVIRONMENTAL COMPLIANCE

RoHS compliant; REACH compliant

## QUALITY SYSTEM APPROVAL

Certified by NSAI to I.S. ENISO 9001:2015 Reg. No. IE-19.0675.





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