

Data Sheet 0350 BS921 650v Electrical Insulation/Switchboard Matting

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|--------------------|--------------|
| Data Sheet Type    | Final        |
| Material Reference | 0350         |
| Polymer            | SBR/NR BLEND |
| Date Issued        | 14/09/25     |



### Description

Electrical Insulation Matting conforming to BS921, remains the Matting of Choice for many Live Working Engineers, despite the introduction of BS EN 61111:2009. With a minimum Base Rubber Thickness of 6mm + Ribs the 8-10mm Thick Rubber offers the reassurance that some question with newer and thinner standards.

| Specifications                          | Values                  | Test Methods       |
|---|-------------------------|--------------------|
| Compression Set(22 Hours @ 70°C)        | 10 % Max                | ASTM D395 Method B |
| Electrical Proof Test                   | 15000 Volts AC Maximum  | BS EN IEC61111     |
| Elongation at Break                     | 250 % Minimum           | ASTM D412          |
| Highest Recommended Working Temperature | 70 °C Maximum           | None               |
| Intermittent Working Temperature        | 90 °C Short Bursts Only | None               |
| Lowest Recommended Working Temperature  | -20 °C Minimum          | None               |
| Recommended Maximum Use                 | 650 Volts AC Maximum    | BS EN IEC61111     |
| Shore Hardness (Shore A)                | 60 ° Shore              | ASTM D2240         |
| Specific Gravity                        | 1.5 g/cm 3              | ASTM D2240         |
| Tensile Strength                        | 5 MPA Minimum           | ASTM D412          |

### Purposes



Electrical Insulation

### Important Notes about this Material Data Sheet

This datasheet has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values, and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether the specified properties of our products are sufficient for the intended use. This datasheet is subject to alteration without prior notice. All mentioned values contained herein are guiding values representing long-term experience averages. Please be aware that Test Results for individual Material Batches will only be provided if requested at the time of order and may be subject to additional charges and/or lead times. This Data Sheet supersedes all previous data sheets and any other data previously provided either Verbally, Electronic or Written, with reference to the above Material Grade.