

## Data Sheet

## 0360 450v Black Ribbed Electrical Insulation/Switchboard Matting

|                    |              |
|--------------------|--------------|
| Data Sheet Type    | Final        |
| Material Reference | 0360         |
| Polymer            | SBR/NR BLEND |
| Date Issued        | 15/06/24     |



## Description

An old favourite for Live Working Electrical Engineers, this 6mm Thick Material is often seen as a alternative to BS921. Although not officially tested to any specific standard the Thickness is still seen as re-assuring to some over newer and thinner specifications.

| Specifications                          | Values                  | Test Methods       |
|---|-------------------------|--------------------|
| Compression Set(22 Hours @ 70°C)        | 15 % Maximum            | ASTM D395 Method B |
| Elongation at Break                     | 230 % 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                 | 450 Volts AC Maximum    | BS EN IEC61111     |
| Shore Hardness (Shore A)                | 65 ° Shore              | ASTM D2240         |
| Specific Gravity                        | 1.58 g/cm 3 +/-0.05     | ASTM D2240         |
| Tensile Strength                        | 3 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

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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.