

Data Sheet

T401 TPE 5 Bar Checker Plate Matting

Data Sheet Type Final

Material Reference T401030

Polymer TPE

Date Issued 04/06/26



Description

Thermoplastic Elastomer (TPE) Matting is an excellent alternative to Rubber and PVC products with better ozone resistance, low odour compared to most rubber mattings, and is completely recyclable. Ideal for Events, Workshops, Garages and general walkways. Quick and easy to lay and cut to shape.

Available in vivid Blue, Red, Yellow as well as standard Grey and Black. The product can be manufactured to an exact Ral Colour reference subject to minimum production quantities.

Can also be manufactured with Flame Resistance for specific environments.

| Specifications | Values | Test Methods |
|-----------------------------------------|------------|--------------|
| Elongation at Break | 200 % | ASTM D412 |
| Highest Recommended Working Temperature | 70 °C | None |
| Lowest Recommended Working Temperature | -30 °C | None |
| Shore Hardness (Shore A) | 70 ° Shore | ASTM D2240 |
| Specific Gravity | 1.5 g/cm 3 | ASTM D2240 |
| Tear Resistance | 30 KN/m | None |
| Tensile Strength | 4 MPA | ASTM D412 |

Purposes



Abrasive Resistance



Ozone Resistance



Water Resistant



Wear Resistant



Weather Resistance

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.