MacLellan
Polymers to Industry

| Data Sheet | B2901 NBR / PVC Blend |
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| Data Sheet Type | Final |
| Material Reference | B2901 |
| Polymer | NBR PVC |
| Date Issued | 13/11/26 |

## Description

A high quality NBR / PVC blended material with excellent mechanical properties, ideally suited to application requiring abrasion, oil or weather resistance.

| Specifications | Values | Test Methods |
|---|---|---|
| Abrasion Resistance | 230 Max mm3 | ISO 4649 |
| Compression Set | 40 % | ISO 815 |
| Elongation at Break | 375 % | ISO 37 |
| Highest Recommended Working Temperature | 110 °C | None |
| Lowest Recommended Working Temperature | -30 °C | None |
| Oil Swell ASTM 1 | -8 % | ISO 1817 |
| Oil Swell IRM903 | -9 % | ISO 1817 |
| Shore Hardness (Shore A) | 65 ° Shore | ISO 868:2003 |
| Specific Gravity | 1.47 g/cm 3 | None |
| Tensile Strength | 13 MPA | ISO 37 |

## Purposes



Abrasive Resistance



Oil Resistance



Wear Resistant

**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.