

Data Sheet

Q396 European EU1935:2004 Shore Blue Nitrile (NBR) Rubber Sheet

Data Sheet Type	Final
Material Reference	Q396
Polymer	Food Grade NBR
Date Issued	27/07/24



Description

European Union Manufactured FoodSafe Grade Butadiene Acrylonitrile Rubber (NBR) Sheeting conforming to all latest Specifications and Best Practice including EU1935:2004 2023/26 & FDA CFR 177 Sub Part C 177.2600. MacLellan EU1935 Grades are Independently Certified Nitrosamine Free.

Specifications	Values	Test Methods
Colour	Blue	None
Compression Set(22 Hours @ 70°C)	< 35 %	ISO 815
Density	1.44 g/cm 3	None
Elongation at Break	> 600 %	ISO 37
Highest Recommended Working Temperature	110 °C	None
Lowest Recommended Working Temperature	-35 °C	None
Shore Hardness (Shore A)	60 ° Shore	ASTM D2240
Tear Resistance	> 20 N/mm	ISO 34
Tensile Strength	> 10 MPA	ISO 37

Purposes



Food Contact Suitability



Nitrosamine Free



Oil Resistance



Tear Resistant



Water 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.