MacLellan
Polymers to Industry

Data Sheet	Q714 70 Shore European Manufactured Nitrile Rubber Sheet

Data Sheet Type	Final
Material Reference	Q714
Polymer	NBR
Date Issued	19/11/26

Description

A 70° Shore European Manufactured Nitrile (NBR) Rubber Sheet with full Traceability. Nitrile is suitable for use in applications where resistance to oil is required.

Specifications	Values	Test Methods
Compression Set(22 Hours @ 70°C)	30 %	ISO 815
Elongation at Break	550 %	ASTM D412
Highest Recommended Working Temperature	100 °C	None
Lowest Recommended Working Temperature	-30 °C	None
Oil Swell ASTM 1	-4 %	None
Oil Swell IRM903	+14 %	None
Shore Hardness (Shore A)	70 ° Shore	ASTM D2240
Specific Weight	1.39 g/cm 3	ASTM D2240
Tensile Strength	7 MPA	ASTM D412

Purposes



Oil 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.