MacLellan
Polymers to Industry

Data Sheet	1075 Abrasion Resistant Super Para Rubber

Data Sheet Type	Final
Material Reference	1075
Polymer	NR
Date Issued	07/09/26

Description

A high quality Para Rubber material with extremely good mechanical properties and excellent abrasion resistance. This material is used across Europe in Ballistic Curtain applications, at both indoor and outdoor ranges, protecting target shooters from ricocheting bullets. The material is also recommended for a wide variety of wear applications both wet and dry.

Specifications	Values	Test Methods
Abrasion Resistance	65 mm3	5N UNE-ISO 4649
Elongation at Break	600 %	ASTM D412
Highest Recommended Working Temperature	80 °C	None
Lowest Recommended Working Temperature	-30 °C	None
Shore Hardness (Shore A)	38 ° Shore	ASTM D2240
Specific Gravity	0.97 g/cm 3 +/- 0.03	ASTM D2240
Tear Strength - Angle	25 kg/cm	UNE ISO 34-1
Tensile Strength	25 MPA	ASTM D412

Purposes

Abrasive Resistance

Tear Resistant

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.