Data Sheet	80 Shore Polyurethane Sheet
Data Sheet Type	Final
Material Reference	80 Shore Polyurethane Sheet
Polymer	Polyurethane
Date Issued	08/11/26

Description

Solid 80 Shore A Polyurethane Moulded Sheet, with excellent mechanical properties and resistance to abrasion and tear that far exceed those of other rubbers and elastomers, and is also resistant to contact with oils and aliphatic hydrocarbons.

The material is ideal for a wide range of applications in the mining, civil engineering, automotive, industrial and packaging industries.

Manufactured in thicknesses from 1mm to 50mm (others on request) in standard sheet sizes of 2000mm x 1000mm or 3000mm x 1000mm, and in a hardness range from 55 to 93 Shore A. Our standard stock colour is Ochre, other colours are available on request.

Specifications	Values	Test Methods
Abrasion Resistance	22 mm3	DIN 53516
Compression Set	30 %	DIN 53517
Density	1.24 g/cm 3	DIN 53479
Elongation at Break	550 %	DIN 53504
Highest Recommended Working Temperature	80 °C	None
Lowest Recommended Working Temperature	-30 °C	None
Shore Hardness (Shore A)	80 ° Shore	DIN 53505
Tensile Strength	40 N/mm	DIN 53515

Purposes

Abrasive Resistance

Chemical Resistant

Tear Resistant

Water 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.