MacLellan
Polymers to Industry

Data Sheet	S60 FDA,WRAS & EU1935 Silicone Sheeting

Data Sheet Type	Final
Material Reference	S60
Polymer	Silicone
Date Issued	02/06/26

Description

EU1935:2004, FDA & WRAS Approved Silicone Sheeting 60° Shore A Hardness

Specifications	Values	Test Methods
Available from Stock	Call for Current Stock Info	None
Colour	Various	None
Compression Set(22 Hours @ 70°C)	30 % Maximum	ASTM D395 Method B
Elongation at Break	280 % Minimum	ASTM D412
Flame Resistance	To FAR/JAR25/CS25 Appendix F	BS EN IEC61111
Highest Recommended Working Temperature	230 °C Maximum	None
Intermittent Working Temperature	250 °C Short Bursts Only	None
Lowest Recommended Working Temperature	-60 °C Minimum	None
Post-Cured	Yes	None
Potable Water Temperature Rating	85 °C Maximum	None
Shore Hardness (Shore A)	60 ° Shore +/-5°	ASTM D2240
Standard Roll/Sheet Size	1200mm x 10 Metres Range	None
Tensile Strength	7 MPA Minimum	ASTM D412
WRAS Approval Number	0806508 to BS6920	None

Purposes

Electrical Insulation

High Working Temperature

Low Working Temperature

Potable Water Suitability

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.