Data Sheet	PL5754 Firm Grade Neoprene

Data Sheet Type	Final
Material Reference	PL5754
Polymer	CR
Date Issued	21/11/26

Description

A firm grade Neoprene Sponge with excellent Tensile and Mechanical characteristics suitable for a range of sealing applications. The material is Flame Resistant to FMVSS302 and CFC and HCFC Free.

Specifications	Values	Test Methods
ASTM D1056-14 Classification	2 C3 B2 M	ASTM D1056
Compression Deflection	60 - 90 @ 25% Kpa	ASTM D1056
Compression Set 25% Compression (22 Hours @ 23°C) 24 Hour Recovery	1 - 3 %	ASTM D1056
Compression Set 50% Compression (22 Hours @ 23°C) 24 Hour Recovery	8 - 15 %	ASTM D1056
Density	150 - 200 Kg/m3	ASTM D3575
Elongation at Break	150 - 200 %	ASTM D412
Flame Resistance	PASS	FMVSS302
Highest Recommended Working Temperature	80 °C	NF X 70-100-2
Intermittent Working Temperature	100 °C	None
Lowest Recommended Working Temperature	-40 °C	None
Shore Hardness (Shore OO)	55 ° Shore	None
Shrinkage	3 - 7 %	ASTM D573
Tensile Strength	680 - 750 Kpa	ASTM D412
Water Absorption	1 - 2 %	ASTM D1056

Purposes

Flame Retardent

Water Resistant

Weather 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.