Data Sheet	LD29 Plastazote® Closed Cell Polyethylene Foam Sheets & Rolls

Data Sheet Type	Final
Material Reference	LD29
Polymer	PE
Date Issued	16/11/26

Description

LD29 Plastazote is an Inert Polyethylene Foam functional and aesthetically pleasing for a number of industries including but not limited to: Automotive, Packaging, Leisure, Cosmetics & Toys. This grade has a density of 29Kg/m3 and is available in a variety of colours. LD29 is available in endless Sheet/Roll sizes from 1mm thick and can be fabricated to virtually any thickness.

Specifications	Values	Test Methods
Cell Diameter	0.8 mm	None
Compression Set 25% Compression (22 Hours @ 23°C) 1/2 Hour Recovery	10 %	BS ISO 7214 2012
Compression Set 25% Compression (22 Hours @ 23°C) 24 Hour Recovery	3 %	BS ISO 7214 2012
Compression Stress/Strain - 25%	61 Kpa	BS ISO 7214 2012
Compression Stress/Strain - 50%	126 Kpa	BS ISO 7214 2012
Density	29 Kg/m3	BS ISO 7214 2012
Elongation at Break	131 %	BS ISO 7214 2012
Highest Recommended Working Temperature	95 °C	None
Lowest Recommended Working Temperature	-70 °C	None
Shore Hardness (Shore OO)	54 ° Shore	ISO 868:2003
Tear Strength	1760 N/mm	BS EN ISO 8067 2008
Tensile Strength	337 Kpa	BS ISO 7214 2012

Purposes

Chemical Resistant

Ozone Resitance

Water 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.