

Data Sheet

Combustion Modified Polyurethane Foam 100 Kg

Data Sheet Type	Final
Material Reference	RB100
Polymer	Polyurethane
Date Issued	02/06/26



Description

A combustion modified high resilience Polyurethane Foam used in a broad range of applications across the bedding, mattress, medical, packaging, automotive and furniture sectors.

This material meets the technical requirements of Def Stan 81-083 Grade B

Specifications	Values	Test Methods
Chlorine Content	0.1 Max %	BS2782
Compression Set	10 %	None
Density	100 Kg/m3	ISO 845
Fire Performance	Class A 1	BS3379
Highest Recommended Working Temperature	120 °C	None
Lowest Recommended Working Temperature	-40 °C	None
Sulphate Content	0.1 m/m	BS2782

Purposes



Flame Retardent



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.