

Data Sheet		FibreBoard 81-046	
Data Sheet Type	Final		
Material Reference	FibreBoard 81-046		
Polymer			
Date Issued	08/10/25		



## Description

A high performance fibre board material used in the manufacture of transport and storage packing. this material meets the requirements of Def Stan 81-046 Annex A, B and C.

Flute configuration and thickness adjusted appropriately for the relevant Type.

Specifications	Values	Test Methods
Burst Strength	880 - 2060 Kpa	None
Chlorine Content	0.05 m/m %	None
Delamination	6 mm	None
Edge Crush Test	3.5 - 17 KN/m	BS EN ISO 3037
Flat Crush Resistance	160 - 200 Kpa	BS EN ISO 3035
pH of water extract	5.5 - 8.5 max	None
Puncture Resistance	25 J	BS 4816
Sulphate Content	0.25 m/m %	None
Thickness	3.5 - 15.5 mm	BS EN ISO 3034
Total Organic Acidity	1.0 m/m %	None
Water Absorption	155 g/m 2	BS EN ISO 535
Weight	230 -800 g/m 2	None
Wet Burst Strength (after soaking time of 24 hours)	400 Kpa	None

## Purposes



Tear Resistant



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.