

Data Sheet

J302 Graphite Laminate Jointing Sheet - Exfoliated Graphite with a Stainless Steel Foil Insert

Data Sheet Type	Final
Material Reference	J302
Polymer	Graphite
Date Issued	28/03/25



Description

J302 Graphite Laminate Jointing Sheet - Exfoliated Graphite with a Stainless Steel Foil Insert. This Jointing Sheet has a wide temperature range, excellent chemical resistance and good stress retention properties making it an ideal choice for many demanding applications.

Specifications	Values	Test Methods
Ash Content	1 %	None
Chlorine Content	45 ppm	None
Compression	42-50 %	ASTM F36
Density	1 g/cc	None
Highest Recommended Working Temperature	400 °C	None
Lowest Recommended Working Temperature	0 °C	None
Recovery	15 %	ASTM F36
Residual Stress(BS7531 300°C)	35 MPA	BS7531

Purposes



Chemical Resistant



High Working Temperature

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.