

Laminate



VETRONITE EGS 619 AS Comp

- High pressure laminate with antistatic properties
- Mechanical properties comparable with standard EGS 619
- Defined burning rate acc. to UL 94, class V0
- Antistatic cover layers

	Unit	Value	Test norm
Mechanical properties			
Flexural strength	MPa	460	ISO 178
E-modulus	MPa	24000	ISO 178
Compressive strength // at 23°C	MPa	300	ISO 604
Compressive strength ⊥ at 23°C	MPa	480	ISO 604
Electrical properties			
Surface resistance	Ohm	1.0E+4 – 1.0E+9	IEC 61340-5-1
Thermal properties			
Temperature Index (TI)	°C	130	IEC 60216
Thermal conductivity	W/m.K	0.3	ISO 8301
Linear expansion coefficient //	1.0E-6/K	15	ISO 11359-2
Physical properties			
Density	g/cm ³	1.90	ISO 1183
Water absorption	mg/%	10/0.05	ISO 62

Description

Vetronite EGS 619 AS Comp is an insulating laminate made of fine weave glass fabric bonded with a special epoxy resin system and antistatic cover layers.

RoHS Directive

Hazardous products listed in the EU-directive 2011/65/EU (RoHS-directive), annex II and amendment 2015/863/EU are not used as ingredients in this material.

Colour

Black, light green core

Applications

Test adapter, antistatic
Antistatic parts

Form of delivery

Sheet formats 1170 x 1070 and 2070 x 1070 mm
Tolerance 0 / - 30 mm

Thickness range 1 to 40 mm
Thickness tol. acc. to DIN EN 60893-3-2

Also available as panels or machined parts.
Other dimensions and thicknesses on request.

Machining

Machining with carbide or diamond tools.

For water jet cutting we recommend adding silica sand to the water and drill through-holes prior to machine.

The data supplied are typical values. They are not to be considered specification values. All of the information, suggestions, and recommendations about these properties and uses of the products herein are based on tests and data believed to be accurate; however, the final determination regarding the suitability of any material described herein for the contemplated application, the manner of such use, and whether the use infringes any patents is the sole responsibility of the user. There is no warranty - expressed or implied - including, without limitation, warranties of merchantability or fitness for a particular purpose. Under no circumstances shall we be liable for incidental or consequential loss or damage.

VRI Composites custom fabricates insulation materials to the exact specifications and drawings specified by our customers. We offer our customers the proper product for their specific application. A variety of dimensions and diameter sizes are available. Product colors vary according to material type.