



# PROMAGLAF® G

“E” glass needle mat for acoustical and thermal insulation

### PROMAGLAF® G

**G**

Classification temperature	°C	650
Softening point	°C	846
Traction resistance	hbar	350
Dielectrical constant	MHz	6.13
Specific heat	kJ /kgK	0.824
L.O.I.	%	>1
Typical chemical composition		
	SiO <sub>2</sub>	52-56
	CaO	16-25
	Al <sub>2</sub> O <sub>3</sub>	12-18
	B <sub>2</sub> O <sub>3</sub>	6
	MgO	8-13

### Acoustical absorption value ISO 10 534 – 2

Frequency (Hz)	32	63	125	250	500	1000
Acoustic absorption index	0.15	0.20	0.40	0.90	0.97	1.2

Measured on a 180 Kg/m<sup>3</sup> sample

Sizes:	Length (mt)	Width (mm)	Thickness (mm)	Density (Kg / m <sup>3</sup> )
	50	1000	6	130
	50	1000	9	130
	25	1000	12	130
	10	1000	25	180

on request the material can be supplied overstiched

### Workability:



The above data are given in good faith and refer to internal standard test procedures based on internationally recognized testing methods; they are subjected to normal fluctuation during the production process. No warranty are herewith given regarding specific applications without our prior written approval. Our data sheets cannot be used for technical specifications purposes without our authorization. All right reserved – Promat is a registered trademark.

