

ACOUSTIC INSULATION MATERIAL

Acoustic Insulation Material is a high-performance glass non-woven material for different applications where exist a needs in acoustic insulation and sound absorption. It's ideal for perforated selling and wall panels. Can be used as a base for impregnation and composite materials production.

KEY PROPERTIES

- Available in a different colours, 50-150 gsm
- Width up to 2200 mm

KEY FEATURES & BENEFITS

- High tensile strength
- Flexible
- Long life-span
- Fibres resist extreme environments, providing long-time durability
- Fibres are chemical bonded, preventing odour problems.
- Fibres create a porous structure that allows breathability.
- We stock our products for immediate delivery, and our technical support is always available for question

SPECIFICATIONS

Standard Sizes

Grammage	Standard widths	Standard roll diameters	
		Internal Ø	Outside Ø
50 - 150 g/m ²	600, 1200 mm	Ø 76 mm	Ø 1000* mm Ø 1100 mm (max size)

*Other sizes available by request

AVAILABLE PRODUCT CHARACTERISTICS

Grammage	50 g/m ²
Standard type	Standard specification*
Colour	Black

*Additional parameters on request

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PRODUCT PROPERTIES

Property	Test Method	Unit	Typical Values
Grammage	ISO 536	g/m ²	54
Wet tensile strength, minimum MD	ISO 3781	kN/m	0,5
Air permeance	ISO 5636-5	Sec	1-10
Ash content, maximum	ISO 2144	%	0,5
pH of aqueous extract	ISO 6588-2	-	5-8

MD = Machine Direction

Unless specifically stated differently, all data displayed in the table represent typical values only

Phys.-techn. characteristics	Test Method	Unit	Results from production	Specification	
				Min.	Max.
Grammage	ISO 536	ISO 536		50	55
Thickness	ISO 534	ISO 534	0,19	0,18	0,20
Tensile force MD	ISO 1924-2	ISO 1924-1	40	38	42
Tensile force CD		ISO 1924-1	20	19	21
Elongation MD		ISO 1924-1	1,7	1,6	1,8
Elongation CD		ISO 1924-1	2,4	2,0	2,6
Air permeability		ISO 9237	665	600	700

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