

ACOUSTIC NONWOVENS

Technical data

Fibre	cellulose + glass	
Binder system	synthetic resin	
Nonwoven structure	random	
Area weight	63 g/m²	
Thickness	0.27 mm	
Max. tensile strength	60 N/50mm machine direction	
	30 N/50mm cross direction	
Elongation at max. tensile strength	2 % machine direction	
	2 % cross direction	
Test of Sound Absorption Coefficient	Acoustic nonwovens were tested by Acoustics Institute of TongJi University, the result was consistent with national standard <Reverberation chamber measurement of absorption coefficient norms>GBJ 47-83. The noise reduction coefficient(NRC) is 0.75.	
Inflammability	Acoustic nonwovens were tested by China National Center for Quality Supervision, Inspection and Fire, the result was non-flammable to GB 8624-1997. It can be classified in Class B1.	
Storage conditions, Storage duration	Storage under cool, dry and light-protected conditions is recommended (storage temperature max. 40°C, avoidance of high relative air humidity, formation of condensed water and direct solar radiation). Storage duration until processing should not exceed 1 year.	
Special comments to ingredients	Used fibers are certifiably not respirable Used flame retardants are free of halogenes and antimony (⇒ certifiably no release of toxic fumes in case of fire) The hotmelt backcoating is "fogging-free" Used binders are APEO free and contain extremely low formaldehyde	
Application(s)	sound-absorbent nonwoven for acoustic ceiling panels	
Roll width	different width	850 mm max.

All numbers represent average values which are subjected to normal production tolerances.

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