



Measurement of Sound Absorption (coefficient α)

The sound absorption coefficient is the percentage of incident sound energy that, rather than being reflected, is converted to other forms of energy such as heat.

Material:	ISOBOAT
Applicant:	(none)

Date:	11-10-2007
Measured by:	PAN

Measure condition:	
Measurements require careful control of temperature and humidity in an impedance tube in accordance with ISO 10534-2.	
Distance mic. 1:	450 mm
Distance mic. 2:	375 mm

Hz / α	ISOBOAT				
125	0,065				
160	0,117				
200	0,178				
250	0,263				
315	0,382				
400	0,471				
500	0,509				
630	0,422				
800	0,328				
1.000	0,318				
1.250	0,552				
1.600	0,615				
1.715	0,570				

