



AKOPANEL®

Sound absorption measurement according to NEN-EN-ISO 354:2003

Location:	Acoustic Laboratory Windesheim	Date:	2-5-2017
Product:	PETpanel	Temperature:	22 °C
Composition:	PETpanel 25 mm	Relative humidity:	50%
		Signal:	broad band noise

Frequency f [Hz]	Absorption α_s third octave bands	Absorption α_p octave bands
100	0,02	0,05
125	0,07	
160	0,07	
200	0,04	0,20
250	0,25	
315	0,35	
400	0,48	0,60
500	0,61	
630	0,78	
800	0,81	0,85
1000	0,84	
1250	0,87	
1600	0,91	0,90
2000	0,86	
2500	0,88	
3150	0,89	0,80
4000	0,80	
5000	0,75	

NRC	0,70
α_w	0,50

