

**Sound absorption coefficient according to ISO 354, DIN EN ISO 11654, ASTM C 423**

On behalf of: EGETÆPPER A/S, INDUSTRIVEJ NORD 25, DK-7400 HERNING

**Object:**

Tuft 440 ECT350

**Assembly:**

Item: 076274048

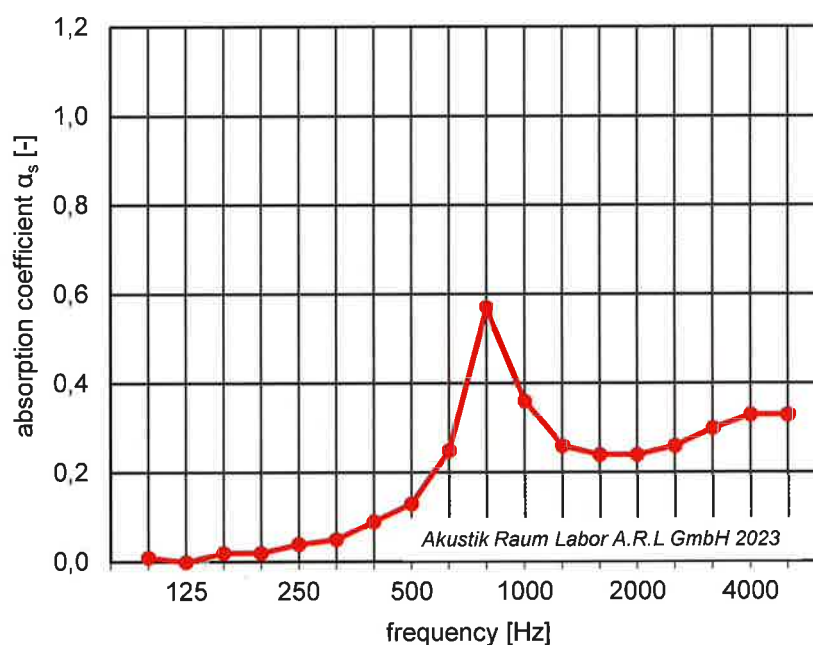
Batchno.: H047473004

Dyelot: 22810

Dim.: 2880/3840/5,95mm

**Sound absorption coefficient  $\alpha_s$   
according to DIN EN ISO 354**

Frequency [Hz]	$\alpha_s$ [-]
100	0,01
125	0,00
160	0,02
200	0,02
250	0,04
315	0,05
400	0,09
500	0,13
630	0,25
800	0,57
1000	0,36
1250	0,26
1600	0,24
2000	0,24
2500	0,26
3150	0,30
4000	0,33
5000	0,33

**Practical Sound absorption coefficient** $\alpha_p$  according to

DIN EN ISO 11654

Frequency [Hz]	$\alpha_p$ [-]
125	0,00
250	0,05
500	0,15
1000	0,40
2000	0,25
4000	0,30

**Parameters after ASTM 423**

NRC = 0,20  
SAA = 0,21

**Parameters after DIN EN ISO 11654**

$\alpha_w$  = 0,25  
Sound Absorption Class E

Rev. chamber: ARL  
Date: 07.03.2023  
Volume: 205 m<sup>3</sup>  
Specimen size: 12 m<sup>2</sup>  
Temperature: 17,1 °C  
Humidity: 34,33 %

**Akustik Raum Labor**Waechtersbach,  
22.03.2023

Signature:

Report-No.: ARL202303070

Test-No.: M01

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