

Acoustical absorption grade by DIN EN ISO 354: 2003

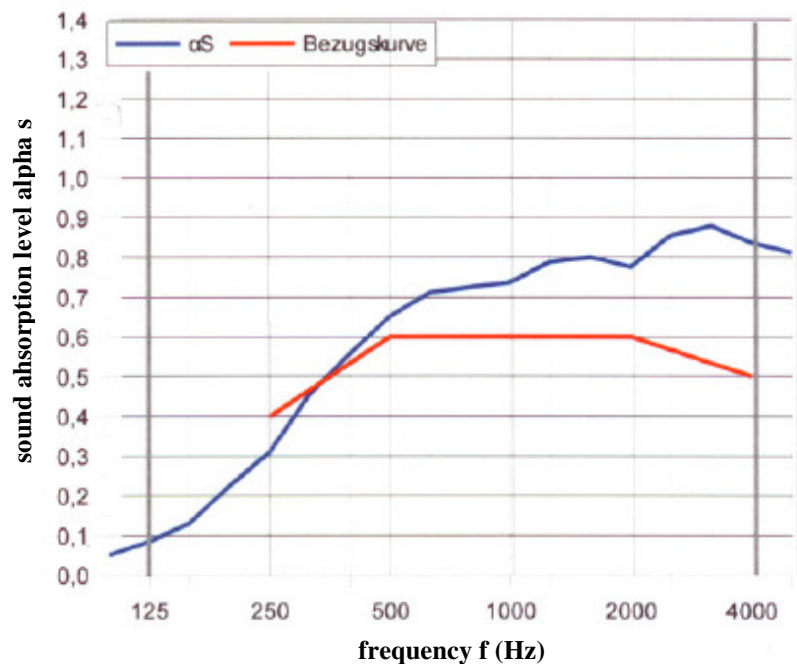
requester: Artimo Textiles BV

date of measuring: 20.12.2011

test item: **drapery, Vela CS (pleated)**

measuring system: distance between wall and fabric: 15 cm
 dimensions of the testing fabric: 20 x 50 cm
 distance between floor and fabric: 15 cm
 distance to the left wall: 65 cm
 distance to the right wall: 70 cm
 test surface of fabric: 10 m²
 volume of echo chamber: 200 m³

| Frequenz [Hz] | α_s | α_p |
|--|------------|------------|
| 100 | 0,05 | |
| 125 | 0,08 | 0,09 |
| 160 | 0,13 | |
| 200 | 0,22 | |
| 250 | 0,31 | 0,33 |
| 315 | 0,46 | |
| 400 | 0,56 | |
| 500 | 0,65 | 0,64 |
| 630 | 0,71 | |
| 800 | 0,72 | |
| 1000 | 0,74 | 0,75 |
| 1250 | 0,79 | |
| 1600 | 0,80 | |
| 2000 | 0,78 | 0,81 |
| 2500 | 0,85 | |
| 3150 | 0,88 | |
| 4000 | 0,84 | 0,84 |
| 5000 | 0,81 | |
| α_s : Schallabsorptionsgrad nach DIN EN ISO 354 | | |
| α_p : Praktischer Schallabsorptionsgrad nach DIN EN ISO 11654 | | |



Measurement acc. to DIN EN ISO 11654

Acoustical absorber category "C" $a_w = 0,60$