

Technical Data Sheet

S 3212a



S 3212a is an open-cell polyurethane foam, based on polyether with good elasticity behavior and good hydrolysis resistance, color dark gray.

| Technical Data | | | |
|---|----------------------|-----------------|------------|
| Type (S 3212a/...) | | 30 | 35 |
| Thickness (approximate) | [mm] | 30.0 ± 1.0 | 35.0 ± 1.0 |
| Weight (approximate) | [kg/m ²] | 1.0 ± 0.1 | 1.15 ± 0.1 |
| Density EN ISO 845 (approximate) | [kg/m ³] | 33.0 ± 3.0 | |
| Thermal stability | [°C] | 100 | |
| Cold resilience | [°C] | - 40 | |
| Heat conductivity | [W/mK] | 0.04 | |
| Compressive stress 40% DIN EN ISO 3386-1 | [kPa] | 5.0 ± 1.0 | |
| Tensile strength DIN 53571 | [kPa] | > 80 | |
| Elongation at break DIN 53571 | [%] | > 120 | |
| Combustibility FMVSS 302 DIN 75200 | [mm/min] | burn rate < 100 | |
| Burning behavior UL 94 | | HF1 | |
| Burning behavior EN 13501 DIN 4102 | | class E B2 | |

Main function: Airborne sound absorption (absorption)

Applications: Vehicle construction, mechanical engineering, equipment construction

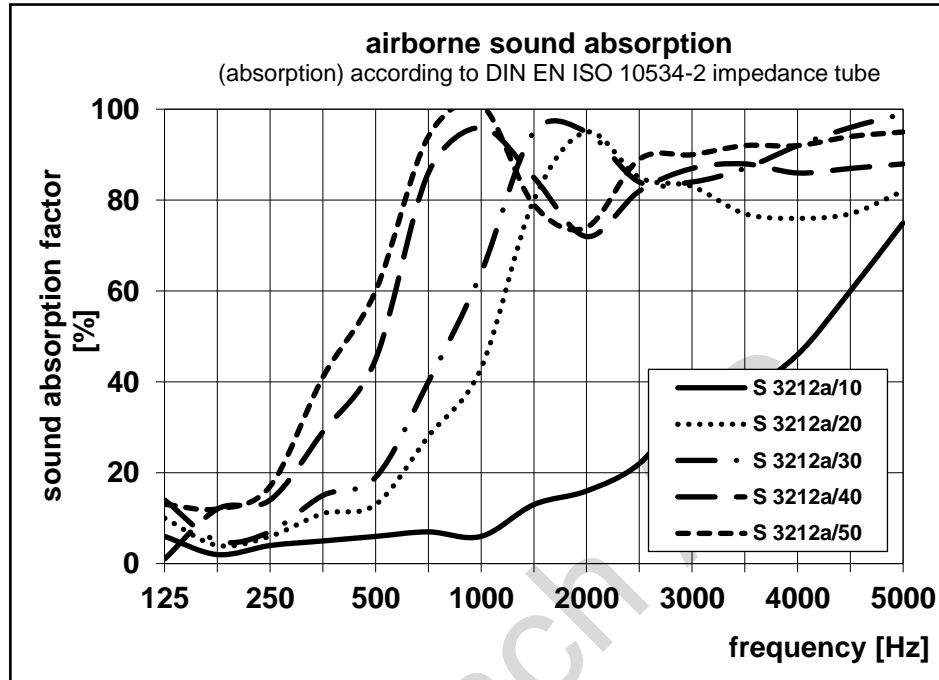
Processing: Mechanical attachment
 Processing temperature: 18 - 25 °C

Storage conditions: Dry at temperatures between 18 - 25 °C
 Max storage time: 6 months

Delivery forms: Standard boards 1,080 x 2,160 mm, tolerance according to DIN 7715, class P3 ± 2%. Other sizes and cut-to-size pieces upon request.

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The technical data (average values) as well as material information are based on our present knowledge and experiences. They free the user because of the fullness of possible influences by the application of our products, however, not from own tests and attempts in the approach of the real application. Because of the peculiarities of every individual case we can take over no liability for our indications. On request we are available gladly with information.