

Base Filler Material ZAY95075

Product Data Sheet

| Type | Liapor 3 4/8 |
|---|---------------|
| Allgemeine Eigenschaften | |
| Type | Expanded Clay |
| Particle Shape | round, closed |
| Particle Size | 4 – 8 mm |
| Physical Characteristics | |
| Loose Density (in kg/m ³) | 325 ± 25 |
| Loose Bulk Density (in kg/m ³) | 610 ± 50 |
| Water Absorption W ₆₀ (in wt%) | 10 ± 4 |
| Water Absorption W _{24h} (in wt%) | 14 ± 4 |
| Crushing Resistance (in N/mm ²) | ≥ 1.25 |
| Freezing and Thawing Resistance (in wt%) | < 2.0 |
| Chemical Characteristics | |
| Chloride (in wt%) | < 0.02 |
| Acid-Soluble Sulfate (in wt%) | < 0.8 |
| Total Sulfur (in wt%) | < 1.0 |
| Chemical Composition | |
| SiO ₂ (in %) | 55 ± 5 |
| Al ₂ O ₃ (in %) | 24 ± 5 |
| Fe ₂ O ₃ (in %) | 14 ± 5 |
| CaO (in %) | 5 ± 5 |
| Trace elements (in %) | 2 ± 2 |
| Other Characteristics | |
| Thermal Conductivity (in W/mK) | 0.10 |
| Fire Classification | A1 (DIN 4102) |

Sieve Curve

