

# TECHNICAL DATA SHEET

Superlite 0/3 according DIN EN 13055-1

|   |                                |  |
|---|--------------------------------|--|
| <b>shape</b>                                |                                | körnig                                 |
| <b>colour</b>                               |                                | weiß/grau-weiß                         |
| <b>density</b>                              |                                | 2,0 - 2,2 g/cm <sup>3</sup>            |
| <b>bulk density</b>                         |                                | 80kg/m <sup>3</sup> ±20%               |
| <b>chemical composition</b>                 | SiO <sub>2</sub>               | 60 - 80%                               |
|   | Al <sub>2</sub> O <sub>3</sub> | 12 - 16%                               |
|   | Na <sub>2</sub> O              | 5 - 10%                                |
|   | K <sub>2</sub> O               | 2 - 5%                                 |
|   | CaO                            | 0 - 2%                                 |
|   | MgO                            | 0 - 1%                                 |
|   | Fe <sub>2</sub> O <sub>3</sub> | 0 - 2,5%                               |
| <b>grain size distribution</b>              | >3,0 mm                        | <10 weight%                            |
|   | 2,0 - 3,0 mm                   | 15 - 40 weight%                        |
|   | 1,0 - 2,0 mm                   | 30 - 55 weight%                        |
|   | 0,5 - 1,0 mm                   | 10 - 25 weight%                        |
|   | 0,25 - 0,5 mm                  | 0 - 15 weight%                         |
|   | 0,125 - 0,25 mm                | 0 - 10 weight%                         |
|   | <0,125 mm                      | 0 - 10 weight%                         |
| <b>loss of ignition</b>                     |                                | <1 weight%                             |
| <b>pH-value</b>                             |                                | ~ 7                                    |
| <b>flammability</b>                         |                                | not inflammable, A1 according DIN 4102 |
| <b>Hygroskopische Gleichgewichtsfeuchte</b> |                                | <1,5 weight%                           |