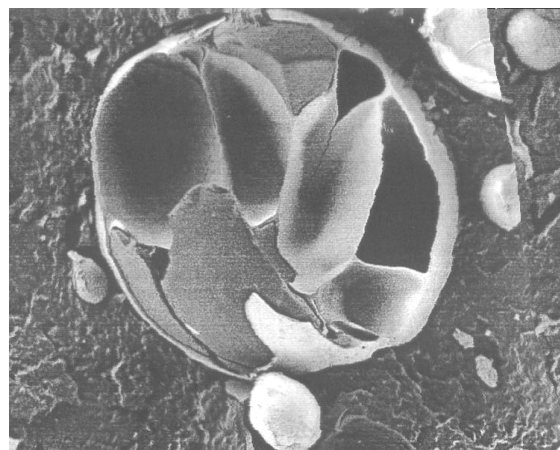


Average Technical Data

Typical Chemical Analysis:

| | |
|------------------------------------|-----------|
| SiO ₂ (no free quartz!) | 73 % |
| Al ₂ O ₃ | 17 % |
| CaO | 1 % |
| K ₂ O | 5 % |
| Na ₂ O | 3 % |
| other elements | traces |
| surface moisture | < 0,2 % |
| pH-value | 6,5 - 7,5 |
| free quartz | none |
| filling | air |
| unburnable | A1 |



Screen analysis:

| | |
|--------------------------------|----|
| particle size | µm |
| ∅ particle size | µm |
| typ. screen analysis:> 1000 µm | |
| 500 - 1000 µm | |
| 300 - 500 µm | |
| < 300 µm | |

| | eurocell[®] 800 (-H) | eurocell[®] 1000 (-H) | eurocell[®] 1500 (-H) |
|--------------------------------|---------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| particle size | 5-800 | 5-1000 | 5-1500 |
| ∅ particle size | 300 | 350 | 500 |
| typ. screen analysis:> 1000 µm | - % | 1 % | 15 % |
| 500 - 1000 µm | 10 % | 20 % | 35 % |
| 300 - 500 µm | 35 % | 25 % | 23 % |
| < 300 µm | 55 % | 54 % | 27 % |

Physical data:

| | | | | |
|------------------------|-------------------|-------------------------|-------|-------|
| effective density | g/cm ³ | 0,17 | 0,07 | 0,09 |
| bulk weight | kg/m ³ | 90 | 55 | 70 |
| bag weight netto | kg | 9 | 5,5 | 7 |
| bags / pallett | pc. | 24 | 24 | 24 |
| Palettengewicht netto | kg | 216 | 132 | 168 |
| big-bag netto | kg | 234 | 143 | 182 |
| surface treatment | | see separate data sheet | | |
| melting point | °C | 1260 | 1260 | 1260 |
| colour | white | white | white | white |
| thermal conductivity λ | W/mK | 0,05 | 0,04 | 0,04 |