

HOK® Medium (< 1,5 mm)

Analysis reference values ex works

(For general information only, not to be used as purchase specifications)

| | | |
|---|---------------------|-------------|
| Proximate analysis (annual average) | | |
| Moisture | % wt | 0.5 |
| Ash | % wt | 9.0 |
| Volatiles | % wt | 3.0 |
| Fixed carbon | % wt | 87.5 |
| Ultimate analysis (annual average) | | |
| Carbon | % wt | 89.0 |
| Hydrogen | % wt | 0.4 |
| Oxygen | % wt | 0.5 |
| Nitrogen | % wt | 0.4 |
| Sulfur | % wt | 0.5 |
| Grain size (annual average) | | |
| > 1.60 mm | % wt | 2.0 |
| 1.00 - 1.60 mm | % wt | 43.0 |
| 0.50 - 1.00 mm | % wt | 30.0 |
| 0.10 - 0.50 mm | % wt | 19.0 |
| < 0.09 mm | % wt | 6.0 |
| Physical Characteristics | | |
| Bulk density | g / cm ³ | 0.59 |
| Specific surface (reference value) | m ² / g | 300 (+/-30) |
| Oxide analysis of the ash (annual average) in compliance with standard DIN 51729 part 10 - ashing temperature 450°C | | |
| SiO ₂ | % wt | 2.0 |
| Fe ₂ O ₃ | % wt | 11.0 |
| Al ₂ O ₃ | % wt | 3.0 |
| SO ₃ | % wt | 12.0 |
| CaO | % wt | 36.0 |
| MgO | % wt | 16.0 |
| Na ₂ O | % wt | 7.0 |
| K ₂ O | % wt | 1.0 |
| note: P ₂ O ₅ < 0.2 % wt | | |