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www.ferrexpo.com
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Product: Iron ore pellets for blast furnace (Producer - Ferrexpo Poltava Mining, Ukraine)

Quality of pellets:

Chemical Analysis, %:

Typical

| | | |
|------------------------------------|-------|----------|
| Base Fe content | 62.0 | 61.5 min |
| FeO | 1.0 | 2.0 max |
| SiO ₂ | 9.8 | 10.2 max |
| Al ₂ O ₃ | 0.4 | 0.45 max |
| CaO | 0.46 | 0.3 min |
| MgO | 0.8 | |
| P ₂ O ₅ | 0.016 | |
| SO ₂ | 0.005 | |
| MnO | 0.045 | |
| TiO ₂ | 0.035 | |
| K ₂ O+Na ₂ O | 0.16 | |

Basicity

(CaO+MgO/SiO₂+Al₂O₃) 0.12

Physical, Metallurgical Property

| | | |
|---------------------------------|---------------|-------------------|
| Cold Compression Strength (CCS) | 250 kg/pellet | 220 kg/pellet min |
| Reducibility (RI) | 0.5% min | |
| Abrasion Index (AI) (-0.5 mm) | 4% | |
| Size Distribution | | |
| >16 mm | 2.5% | |
| <5 mm | 3.5% | |

Tumble index (ISO 3271)

+ 6.3 mm - 95.9%
- 0.5 mm - 2.8%

Grinding strength in temperature recovery (ISO 4696 - 1)

RDI + 6.3 mm - 50%
RDI + 3.15 mm - 30%

Reductive Index (ISO 4695)

dR/dt40(%0/min) – 0.61