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**Product: Iron ore pellets for blast furnace (Producer - Ferrexpo Poltava Mining, Ukraine)**

**Quality of pellets:**

<b>Chemical Analysis, %:</b>	<b>Typical</b>	
Base Fe content	65.0	64.5 min
FeO	1.0	2.0 max
SiO <sub>2</sub>	5.8	6.4 max
Al <sub>2</sub> O <sub>3</sub>	0.3	0.4 max
CaO	0.35	0.3 min
MgO	0.6	
P <sub>2</sub> O <sub>5</sub>	0.025	
SO <sub>2</sub>	0.003	
MnO	0.035	
TiO <sub>2</sub>	0.035	
K <sub>2</sub> O+ Na <sub>2</sub> O	0.12	
<b>Basicity</b> (CaO+MgO/SiO <sub>2</sub> +Al <sub>2</sub> O <sub>3</sub> )	0.15	0.13
<b>Physical, Metallurgical Property</b>		
Cold Compression Strength (CCS)	250 kg/pellet	220 kg/pellet min
Reducibility (RI)	0.5%	
Abrasion Index (AI) (-0.5 mm)	4%	
<b>Size Distribution</b>		
> 16 mm	2.5%	
< 5 mm	3.5%	
<b>Tumble index (ISO 3271)</b>	<b>Reductive Index (ISO 4695)</b>	
+ 6.3 mm - 96.0%	dR/dt40(%/min) – 0,54	
- 0.5 mm - 2.8%	RD 80 (min) - 157	