

**High volatile steam coal size 0-50 mm**

<b>Proximate Analysis (Typical)</b>	
Moisture, %	11,0-12,0
Ash, %	7,0-9,0
Sulphur, %	0,3
Volatiles, %	30-33
NCV, kcal/kg	6000
HARDGROVE INDEX, HGI	55
<b>Ultimate Analyses (Typical)</b>	
Carbon, db % {ISO 609-1996E}	75
Hydrogen, db % {ISO 609-1996E}	5
Nitrogen, db % {ISO 332-1981 E}	2
Oxygen, db % (Bydifference)	10
Fluorine, ppm (ASTM 3761)	104
Boron, ppm	30
Chlorine, db %	0,02
<b>Full Ash Analysis % (Typical)(ASTM D2795-95)</b>	
Silicium as SiO <sub>2</sub>	54
Aluminium as Al <sub>2</sub> O <sub>3</sub>	21
Iron as Fe <sub>2</sub> O <sub>3</sub>	7,5
Titanium as TiO <sub>2</sub> ;	0,8
Calcium as CaO	6,5
Magnesium as MgO	2,5
Sodium as Na <sub>2</sub> O	1,5
Potassium as K <sub>2</sub> O	1,5
Sulphate as SO <sub>3</sub>	3
Phosphorus as P <sub>2</sub> O <sub>5</sub>	0,8
Others, %	0,9
<b>Ash Fusion Temperature °C (ASTM D 1857-87 reducing atmosphere)</b>	
Initial deformation (T1)	1230
Softening point (T2)	1260
Hemispherical point (T3)	1290
Fluid point (T4)	1310