



FUELS



INDUSTRIAL STANDARD WOOD PELLETS TYPICAL SPECIFICATIONS

	Unit	As Received	Dry Basis	Dry Ash-Free
Total Moisture	%	7.35		
Ash Content	%	0.95	0.97	
Volatile Matter	%	75.82	81.83	82.54
Total Sulphur	%	0.02	0.02	0.02
Chlorine	%		0.02	
Carbon	%	46.5	50.2	50.63
Hydrogen	%	6	5.59	5.64
Nitrogen	%	0.60	0.65	0.66
Gross Calorific Value	KCal / kg	4380	4727	4768
Gross Calorific Value	MJ / kg	18.338	19.791	19.964
Net Calorific Value	KCal / kg	4084		4447
Net Calorific Value	MJ / kg	17.100		18.618
Fluorine	ppm		1	
Bulk Density	kg/m ³		612	

NOTES

Sieve Analysis:
Less than 1 mm: over 70%
Less than 2 mm: over 95%

Ash Fusion Temperature
Flow point above 1220 °C