

 <p>TEKNOLOGISK INSTITUT</p> <p>Quality control of wood pellets</p> <p>(Version 7 14/8 2008)</p>	Analysis of wood pellets acc. to CEN/TC 335 mod. (Translation of Danish report ELAB 1410)		Project No.: 1323571
	Company:	FLEX HEAT A/S	Date of Analysis: 9/9-2010
	Contact person:	John Hansen	
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	Postcode and town:	7000 Fredericia	

1. Basis of Analysis

Identification: Flex Heat, produced 01.08.-31.08.2010

Date of receipt: 8/9-2010

Number of samples: 1 piece(s)

Packaging material: Plastic

Weight of sample(s): 12 kg

2. Classification based on supplier declaration

Declaration		Classification according to CEN/TC 335
Raw material:	Pure sawdust	1.2.1.1 Wood without bark
Traded form:	Wood pellets	Wood pellets without additives

3. Classification based on analysis

Analysis figures		Classification according to CEN/TC 335
Diameter/length:	8 ± 0.5 mm / ≤ 5 × diameter	D08
Water content:	5,9 % (weight% as received)	M10
Ash content:	0,5 % (dry basis)	A0.7
Mechanical stability:	97,7 %	DU97.7 - Measured with Ø 3,15 mm sieve
Additives:	0%	The fuel is without additives
Efficient calorific value:	17,9 MJ/kg 4,97 kWh/kg 4,28 Mcal/kg	Calculated on the basis of ash and water content
Density:	660 kg/m ³	
Dust in received sample:	0,5 %	
Slag test, category:	1 (no slag formation)	Danish Technological Institute's method
Sulphur content:	Not analyzed	Normative only for chemically treated biomass or if sulphur containing additives have been used
Nitrogen:	Not analyzed	Normative only for chemically treated biomass

Date: 16/9-2010 Signature: T Brødsgaard