

TEST REPORT

DAEDUCK ANALYTICAL RESEARCH INSTITUTE

Test Report Number

D19-11721

Test Method Used

Refer to test result

Received date

2019. 09. 10

Issued date

2019, 09, 18

Applicant

CONTROL UNION(THAILAND) CO., LTD

Sample

Name

WOOD PELLET

Sample Number

Sampling No

Supplier

Country of Origin

THAILAND

Manufacturer

PT PARAWOOD CO., LTD

Analyzed date

2019, 09, 10 ~ 18

Description

시료식별표 P19-11/21 접수번호 접수일자 업체명 老中文 선수일자 2019/09/10

Sample picture

Tested by

Yim Ji-soo

Reviewed by

Oh My-hyeok

Certificated by President of DARI DaeDuck Analytical Research Institute

COPERATE NAME • Daeduck Analytical Research Institute • BUSINESS NUMBER • 314-86-03405 • ADDRESS • N28-dong 291 KAIST Daehak-ro, Yuseong-gu, Daejeon, South Korea • www.dari.re.kr
1. The results shown in this test report refer only to the sample(s) tested unless otherwise state.
2. This Test Report cannot be reproduced, except in full. The Test results are based on submitted samples which drawn by applicant.
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TEST RESULT

ltem	Base	Unit	Determined value	Test method
Diameter	-	mm	8	
Length	-	mm	21	
Unit Volume Mass	ar	kg/m³	670	
Total Moisture	ar	% wt	4.2	
Ash	ad	% wt	1,7	
Fines	ar	% wt	0,2	
Durability	ar	% wt	98.9	Notification No. 2018-8 by Korea
Gross Calorific Value	d	MJ/kg (kcal/kg)	19.4 (4 630)	
Gross Calorific Value	ad	MJ/kg (kcal/kg)	18.6 (4 440)	
Gross Calorific Value	ar	MJ/kg (kcal/kg)	18.6 (4 430)	
Net Calorific Value	ar	MJ/kg (kcal/kg)	17.2 (4 100)	
Chlorine	ad	% wt	0.02	Forest Research
Sulphur	ad	% wt	0.03	Institute
Nitrogen	ad	% wt	0.2	
Ash Fusion Temperature, DT (Reducing Atmosphere)	-	င	> 1 500	
Other Substance	ar	% wt	< 2.0	
As (Arsenic)	d	mg/kg	< 0.5	
Cd (Cadmium)	d	mg/kg	0.1	
Cr (Chromium)	d	mg/kg	< 1	
Cu (Copper)	d	mg/kg	1	
Pb (Lead)	d	mg/kg	1	
Hg (Mercury)	d	mg/kg	< 0.01	
Ni (Nickel)	d	mg/kg	2	
Zn (Zinc)	d	mg/kg	15	
DNA Test (Rice Husk)	- 1	-	Negative	Genetic Determination
Fe (Iron)	d	mg/kg	223	ISO 16967:2015
Na	d	mg/kg	23	
К	d	mg/kg	2 398	

Remark

ar: As received basis, ad: Air dried basis, d: Dried basis

-END-

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