

LAMPIRAN

Lampiran 1 proses pembuatan arang aktif



Lampiran 2 pengujian porositas dan proses *re-purifikasi*
bobot arang

10 Gram	15 Gram	20 Gram	25 Gram
A photograph of a digital scale displaying the weight of 10.0351 grams. The scale is a Pioneer model with a red display and a silver base.	A photograph of a digital scale displaying the weight of 15.0035 grams. The scale is a Pioneer model with a red display and a silver base.	A photograph of a digital scale displaying the weight of 20.0060 grams. The scale is a Pioneer model with a red display and a silver base.	A photograph of a digital scale displaying the weight of 25.0208 grams. The scale is a Pioneer model with a red display and a silver base.

Berat Arang+ air

10 Gram	15 Gram	20 Gram	25 Gram
A photograph of a digital scale displaying the weight of 18.1952 grams. The scale is an Omron model with a red display and a silver base.	A photograph of a digital scale displaying the weight of 28.1355 grams. The scale is an Omron model with a red display and a silver base.	A photograph of a digital scale displaying the weight of 38.3479 grams. The scale is a Pioneer model with a red display and a silver base.	A photograph of a digital scale displaying the weight of 48.6437 grams. The scale is a Pioneer model with a red display and a silver base.



Lampiran 3 proses pengukuran kadar air sebelum tegangan tembus

Sampel	W	Wi	Wo
A			
			
B			

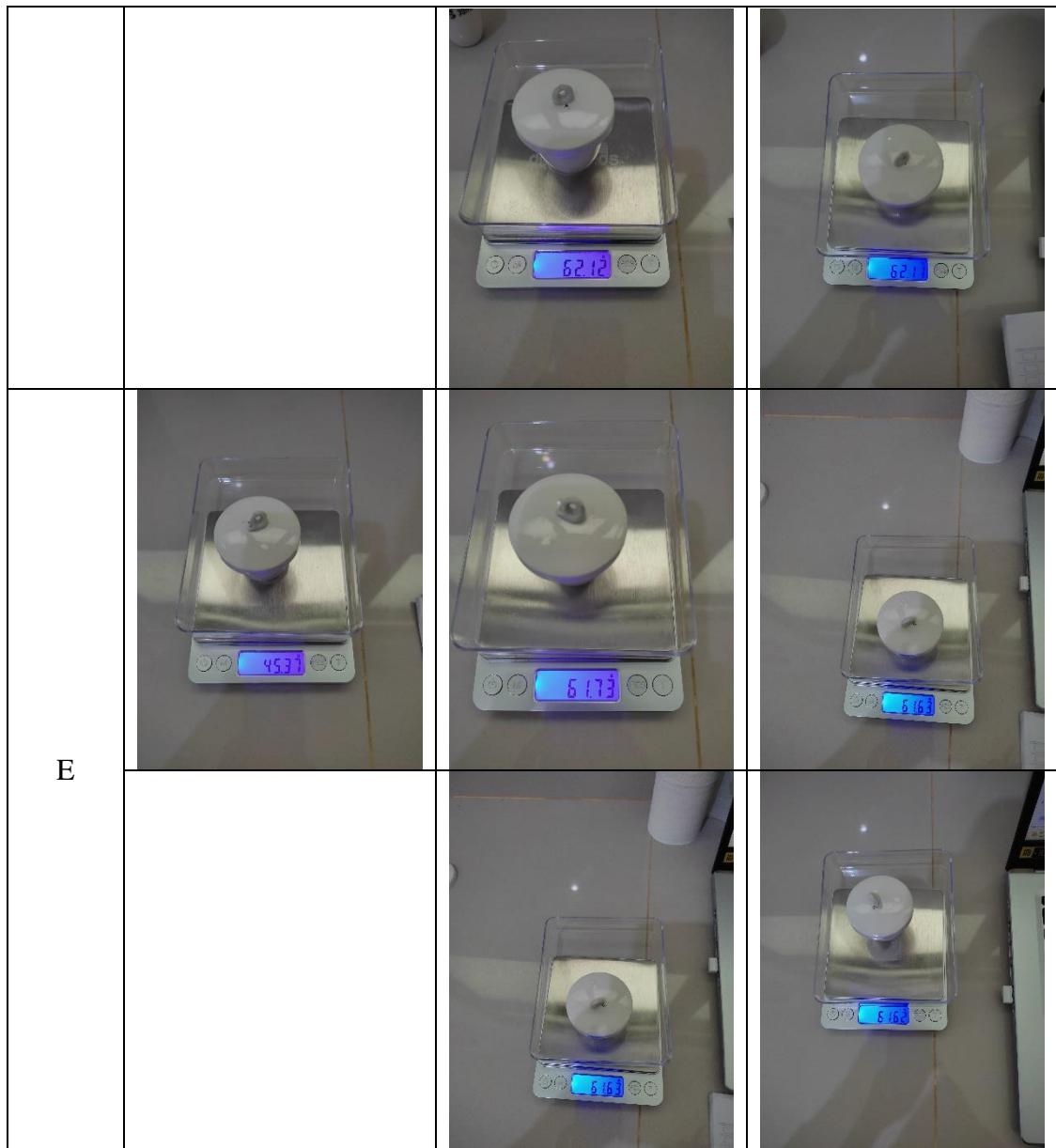
		 58.19	 60.13
C	 47.28	 60.10	 60.11
		 60.11	 60.10
D	 45.24	 58.58	 58.5

		 A digital kitchen scale with a clear plastic platform. A white cylindrical object with a small metal clip attached to its side is placed on the platform. The digital display shows "58.51".	 A close-up view of the same digital scale. The white cylindrical object is now positioned directly on the platform. The digital display shows "58.56".
E	 A wider shot of the digital scale. The white cylindrical object is on the platform, and two small white containers are visible in the background. The digital display shows "48.73".	 A closer view of the scale with the white cylindrical object on the platform. The digital display shows "62.50".	 A closer view of the scale with the white cylindrical object on the platform. The digital display shows "62.49".
		 A closer view of the scale with the white cylindrical object on the platform. The digital display shows "62.49".	 A closer view of the scale with the white cylindrical object on the platform. The digital display shows "62.48". A hand is visible on the right edge of the frame.

Lampiran 4 proses pengukuran kadar air setelah tegangan tembus

Sampel	W	Wi	Wo
A			
			
B			

		 6454	 6453
C	 4461	 6357	 6353
D	 4690	 6213	 6212



Proses pemanasan cawan porselen dan tutup	Proses pemanasan minyak dalam oven	
		

Lampiran 5 Pengukuran tegangan tembus

Tester: _____ Date: 2024.02.23 Time: 11:17:20 Temperature: 32°C Humidity: 71%RH Mean: 18.3kV Std.Dev.: 0.7kV SD/Mean: 0.039 1) 19.5kV 2) 18.6kV 3) 18.7kV 4) 18.0kV 5) 18.0kV 6) 17.2kV	Tester: _____ Date: 2024.02.23 Time: 13:09:38 Temperature: 33°C Humidity: 68%RH Mean: 20.0kV Std.Dev.: 1.8kV SD/Mean: 0.092 1) 21.2kV 2) 20.5kV 3) 22.1kV 4) 16.2kV 5) 20.3kV 6) 19.8kV
Tester: _____ Date: 2024.02.23 Time: 13:44:24 Temperature: 34°C Humidity: 67%RH Mean: 23.2kV Std.Dev.: 2.0kV SD/Mean: 0.089 1) 22.8kV 2) 23.5kV 3) 27.2kV 4) 20.3kV 5) 22.1kV 6) 23.7kV	Tester: _____ Date: 2024.02.23 Time: 14:02:06 Temperature: 34°C Humidity: 66%RH Mean: 29.1kV Std.Dev.: 2.5kV SD/Mean: 0.087 1) 24.9kV 2) 31.2kV 3) 27.0kV 4) 31.2kV 5) 28.6kV 6) 31.9kV
**** TEST REPORT ****	
Tester: _____ Date: 2024.02.23 Time: 14:53:52 Temperature: 34°C Humidity: 64%RH Mean: 29.6kV Std.Dev.: 1.1kV SD/Mean: 0.039 1) 27.8kV 2) 28.7kV 3) 30.7kV 4) 31.2kV 5) 29.3kV 6) 30.0kV	

Lampiran 6 Hasil Pemurnian menggunakan alat filtering bengkel

***** TEST REPORT *****

Tester: _____

Date:2023.07.10 Time:11:10:06
 Temperature:27°C Humidity:81%RH
 Mean: 25.9kV
 Std.Dev.: 2.2kV
 SD/Mean: 0.085

- 1) 23.2kV
- 2) 26.1kV
- 3) 28.6kV

***** TEST REPORT *****

Tester: _____

Date:2023.07.26 Time:14:47:42
 Temperature:27°C Humidity:71%RH
 Mean: 73.3kV
 Std.Dev.: 3.9kV
 SD/Mean: 0.053

- 1) 77.8kV
- 2) 68.2kV
- 3) 74.0kV



Proses pengujian tegangan tembus

