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LAMPIRAN

Lampiran 1. Lampiran Hasil Perhitungan nilai Log RPM dan Faktor Konfersi Tegangan Hasil perhitungan nilai Log RPM dan faktor konfersi tegangan pada konsentrasi 30%

| Suhu | RPM | % Torsi | log N | σ_a (Pa) | log σ_a |
|------|-----|---------|----------|-----------------|----------------|
| 30 | 5 | 9,7 | 0,69897 | 5,2283 | 0,71836 |
| | 6 | 9,2 | 0,778151 | 4,9588 | 0,695377 |
| | 10 | 10,2 | 1 | 5,4978 | 0,740189 |
| | 12 | 10,3 | 1,079181 | 5,5517 | 0,744426 |
| | 20 | 11,4 | 1,30103 | 6,1446 | 0,788494 |
| | 30 | 12,9 | 1,477121 | 6,9531 | 0,842178 |
| | 50 | 13,5 | 1,69897 | 7,2765 | 0,861923 |
| 40 | 60 | 13,4 | 1,778151 | 7,2226 | 0,858694 |
| | 5 | 20,7 | 0,69897 | 11,1573 | 1,047559 |
| | 6 | 19,1 | 0,778151 | 10,2949 | 1,012622 |
| | 10 | 17,8 | 1 | 9,5942 | 0,982009 |
| | 12 | 19,3 | 1,079181 | 10,4027 | 1,017146 |
| | 20 | 22,3 | 1,30103 | 12,0197 | 1,079894 |
| | 30 | 23,4 | 1,477121 | 12,6126 | 1,100805 |
| 50 | 50 | 20,1 | 1,69897 | 10,8339 | 1,034785 |
| | 60 | 26,3 | 1,778151 | 14,1757 | 1,151545 |
| | 5 | 12,4 | 0,69897 | 6,7375 | 0,82501 |
| | 6 | 11,2 | 0,778151 | 6,8453 | 0,780807 |
| | 10 | 13,0 | 1 | 6,0907 | 0,845532 |
| | 12 | 11,5 | 1,079181 | 6,6836 | 0,792287 |
| | 20 | 15,9 | 1,30103 | 7,7077 | 0,932986 |
| 50 | 30 | 18,4 | 1,477121 | 6,3063 | 0,996407 |
| | 50 | 19,6 | 1,69897 | 7,4382 | 1,023845 |
| | 60 | 19,5 | 1,778151 | 6,3063 | 1,021623 |

Hasil Perhitungan nilai Log RPM dan Faktor Konfersi Tegangan pada Konsentrasi 40%.

| Suhu | RPM | % Torsi | log N | σ_a (Pa) | log σ_a |
|------|-----|---------|----------|-----------------|----------------|
| 30 | 5 | 16,5 | 0,69897 | 8,8935 | 0,94907 |
| | 6 | 14,6 | 0,778151 | 7,8694 | 0,89594 |
| | 10 | 16,2 | 1 | 8,7318 | 0,94110 |
| | 12 | 16,4 | 1,079181 | 8,8396 | 0,94643 |
| | 20 | 18,7 | 1,30103 | 10,0793 | 1,00343 |
| | 30 | 21,3 | 1,477121 | 11,4807 | 1,05997 |
| | 50 | 24,1 | 1,69897 | 12,9899 | 1,11361 |
| | 60 | 25,1 | 1,778151 | 13,5289 | 1,13126 |
| 45 | 5 | 18,1 | 0,69897 | 9,7759 | 0,98927 |
| | 6 | 18,9 | 0,778151 | 10,1871 | 1,00805 |
| | 10 | 22,8 | 1 | 12,2892 | 1,08952 |
| | 12 | 22,3 | 1,079181 | 12,0197 | 1,07989 |
| | 20 | 25,6 | 1,30103 | 13,7984 | 1,13983 |
| | 30 | 29,6 | 1,477121 | 15,9544 | 1,20288 |
| | 50 | 34,2 | 1,69897 | 18,4338 | 1,26561 |
| | 60 | 36,4 | 1,778151 | 19,6196 | 1,29269 |
| 60 | 5 | 21,7 | 0,69897 | 11,6963 | 1,06805 |
| | 6 | 19,1 | 0,778151 | 10,2949 | 1,01262 |
| | 10 | 25 | 1 | 13,475 | 1,12953 |
| | 12 | 24,7 | 1,079181 | 13,3133 | 1,12429 |
| | 20 | 30,6 | 1,30103 | 16,4934 | 1,21731 |
| | 30 | 33,4 | 1,477121 | 18,0026 | 1,25534 |
| | 50 | 37 | 1,69897 | 19,943 | 1,29979 |
| | 60 | 37,8 | 1,778151 | 20,3742 | 1,30908 |

Hasil Perhitungan nilai Log RPM dan Faktor Konfersi Tegangan pada Konsentrasi 50%.

| Suhu | RPM | % Torsi | log N | σ (Pa) | log σ |
|------|-----|---------|----------|---------------|--------------|
| 30 | 5 | 48,0 | 0,69897 | 25,872 | 1,4128 |
| | 6 | 45 | 0,778151 | 24,255 | 1,3848 |
| | 10 | 54,7 | 1 | 29,4833 | 1,4696 |
| | 12 | 59,4 | 1,079181 | 32,0166 | 1,5054 |
| | 20 | 69,1 | 1,30103 | 37,2449 | 1,5711 |
| | 30 | 75,6 | 1,477121 | 40,7484 | 1,6101 |
| | 50 | 83,0 | 1,69897 | 44,737 | 1,6507 |
| | 60 | 84,0 | 1,778151 | 45,276 | 1,6559 |
| 45 | 5 | 21,6 | 0,69897 | 11,6424 | 1,0660 |
| | 6 | 20,5 | 0,778151 | 11,0495 | 1,0433 |
| | 10 | 25,2 | 1 | 13,5828 | 1,1330 |
| | 12 | 27,9 | 1,079181 | 15,0381 | 1,1772 |
| | 20 | 34,7 | 1,30103 | 18,7033 | 1,2719 |
| | 30 | 40,7 | 1,477121 | 21,9373 | 1,3412 |
| | 50 | 45,8 | 1,69897 | 24,6862 | 1,3925 |
| | 60 | 47,8 | 1,778151 | 25,7642 | 1,4110 |
| 60 | 5 | 55,6 | 0,69897 | 29,9684 | 1,4767 |
| | 6 | 38,9 | 0,778151 | 20,9671 | 1,3215 |
| | 10 | 40,6 | 1 | 21,8834 | 1,3401 |
| | 12 | 46,1 | 1,079181 | 24,8479 | 1,3953 |
| | 20 | 55 | 1,30103 | 29,645 | 1,4720 |
| | 30 | 64,4 | 1,477121 | 34,7116 | 1,5405 |
| | 50 | 73,1 | 1,69897 | 39,4009 | 1,5955 |
| | 60 | 74,2 | 1,778151 | 39,9938 | 1,6020 |

Lampiran 2. Dokumentasi Penelitian.



Gambar 8. Pencucian Ubi Jalar



Gambar 9. Pengukusan Ubi jalar



Gambar 10. Penghalusan sampel ubi



Gambar 11. Pengukuran suhu pada setiap sampel



Gambar 12. Pengukuran parameter viskositas



Gambar 13. Sampel pasta ubi jalar pada konsentrasi 30%



Gambar 14. Sampel pasta ubi jalar konsentrasi 40%



Gambar 15. Sampel pasta ubi jalar pada konsentrasi 50%

DAFTAR RIWAYAT

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3. Alamat : JL. Rajawali, Kota Makassar
4. Kewarganegaraan : Warga Negara Indonesia

B. Riwayat Pendidikan

1. Tamat SD tahun 2011 di SDN 113 Salutubu SMKN 1 Walenrang Utara
2. Tamat SMP tahun 2014 di SMPN 3 Lamasi
3. Tamat SMK tahun 2017 di SMKN 1 Walenrang Utara

C. Pekerjaan dan Riwayat Pekerjaan/Organisasi

1. Jenis pekerjaan : Pengurus Himpunan Mahasiswa Teknologi Pertanian (HIMATEPA)
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