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| **טבלת כיול מתמר הלחץ** | | | |
| **מדידה** | **גובה עמוד המים h [cm]** | **הפרש מתחים Δφ [V]** | **הפרש לחצים ΔP = ρgh [Pa]** |
| **1** | 104 | 0.4 |  |
| **2** | 143 | 0.8 |  |
| **3** | 180 | 1.2 |  |
| **4** | 200 | 1.4 |  |
| **5** | 220 | 1.6 |  |
| **6** | 250 | 1.8 |  |

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| **Angular Velocity ω [RPM]** | **Shear Rate (SR) γ̇ [rad/s]** | **Sampling time** | **Temp [°C]** | **Torque T [%Tmax]** | **Shear Stress (SS) τ [MPa]** | **Dynamic Viscosity μ [cp]** | **Kinematic Viscosity ν [mm²/s]** |
| 6 | 1.24 | 3:00 | 24 | 16.5 | 2.06 | 165.34 | 131.22 |
| 12 | 2.49 | 2:00 | 24 | 35.4 | 4.42 | 177.31 | 140.73 |
| 30 | 6.24 | 1:00 | 24 | 87.3 | 10.9 | 174.76 | 138.7 |
| 60 | 12.48 | 0:40 | 24 | 85.9 | 10.73 | 85.98 | 68.23 |

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| ניסיון # | Δt [s] |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |

|  |  |  |  |
| --- | --- | --- | --- |
| חומר | משקל m [kg] | גודל [m], [ml] | צפיפות ρ = m/V [kg/m³] |
| כדור נופל 1 |  |  |  |
| כדור נופל 2 |  |  |  |
| מים |  |  |  |
| גליצרול |  |  |  |

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