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| **Table Besaran Turunan** | | | | |
| **Jenis Besaran Turunan** | ***Nama Satuan Besaran Turunan*** | **Satuan Besaran Turunan (Khusus)** | **Satuan Besaran Turunan** | ***Dimensi Besaran Turunan*** |
| luas | meter kuadrat |  | m2 | [L]2 |
| volume | meter kubik |  | m3 | [L]3 |
| frekuensi | hertz | Hz | s–1 | [T]-1 |
| kerapatan | kilogram per meter kubik |  | kg/m3 | [M][L]-3 |
| kecepatan | meter per second |  | m/s | [L][T]-1 |
| kecepatan sudut | radian per second |  | rad/s | [rad][T]-1 |
| percepatan | meter per second squared |  | m/s2 | [L][T]-2 |
| apercepatan sudut | radian per second squared |  | rad/s2 |  |
| debet volume | meter kubik per sekon |  | m3/s | [L]2[T]-1 |
| gaya | newton | N | kg· m/s2 | [M] [L] [T]-2 |
| tegangan permukaan | newton per meter, joule per meter kuadrat | N/m· J/m2 | kg/s2 | [M] [T]-2 |
| tekanan | newton per meter kuadrat, pascal | N/m2,Pa | kg/(m· s) | [M] [L]-1 [T]-2 |
| vikositas dinamis | newton-second per meter kuadrat, pascal-second | N s/m2, Pa s | kg/(m· s) | [M] [L]-1[T]-2 |
| vikositas kinematis | meter kuadrat per sekon |  | m2/s | [L]2 [T]-1 |
| usaha, energi, panas | joule,newton-meter, watt-sekon | J,N · m,W · s | kg· m2/s2 | [M] [L]2[T]-2 |
| power, heat flux | watt, joule per sekon | W, J/s | kg · m2/s2 | [M] [L]2 [T]-2 |
| heat flux density | watt per meter kuadrat | W/m2 | kg/s3 | [M] [T]-3 |
| volumet ric heat release rate | watt per cubic meter | W/m3 | kg/(m. s3) | [M] [L]-1 [T]-3 |
| koefisien rambat panas | watt per meter kuadrat kelvin | W/(m2K) | kg m/(s3 · K) | [M] [L] [q] [T]-3 |
| kapasitas panas | joule per kilogram kelvin | J/(kg·K) | m2/(s2· K) | [L]2[T]-2[q]-1 |
| kapasitas panas | watt per kelvin | W/K | kg· m2/(s3 · K) | [M] [L]2[T]-3[q]-1 |
| konduktivitas panas | watt per meter kelvin |  | kg· m2/(s3 · K) | [M] [L]2[T]-3[q]-1 |
| muatan listrik | coulomb | C | A· s | [A] [T] |
| tegangan listrik | volt | V, W/A | kg· m2/(A · s3) | [M] [L]2 [T]-3[A]-1 |
| kuat medan listrik | volt per meter | V/m | kg· m/(A ·s3) | [M] [L] [T]-3[A]-1 |
| hambatn listrik | ohm | , V/A | kg· m2/(A2 · s3) | [M] [L]2 [T]-3[A]-2 |
| konduktansi listrik | siemens | S, A/V | A2· s3/(kg · m2) | [A]2 [T]3 [M] [L]-2 |
| konduktivitas listrik | ampere per volt meter | A/(V · m) | A2· s3/(kg · m3) | [A]2[T]3 [M] [L]-3 |
| kapasitas listrik | farad | F, A · sN | A2· s4/(kg · m2) | [A]2 [T]4 [M] [L]-2 |
| fluks magnetik | weber | Wb,V · s | kg· m2/(A · s2) | [M] [L]2 [T]-2[A]-2 |
| induksi | henry | H,V · s/A | kg· m2/(A2 · s2) |  |
| magnetic permeability | henry per meter | H/m | kg· m/(A2 · s2) |  |
| magnetic flux density | tesla, weber per meter kuadrat | T,Wb/m2 | kg/(A. s2) |  |
| magnetic field strength | ampereper meter |  | A/m |  |
| magnetomotive force | ampere |  | A | (besaran pokok) |
| luminous flux | lumen | lm | cd sr |  |
| luminance | candela per meter kuadrat |  | cd/m2 |  |
| illumination | lux,lumen per meter kuadrat | lx, lm/m2 | cd· sr/m2 |  |
| activity (of radionuclides) | becquerel | Bq | s–1 |  |
| absorbed dose | gray | GY, J/kg | m2/s2 |  |
| dose equivalent | sievert | Sv, J/kg | m2/s2 |  |