# Table

**Table – 1: Data for V – I characteristics**

|  |  |  |  |
| --- | --- | --- | --- |
| V | 𝑉𝑅1 (V) | 𝑉𝑍 (V) | I = (𝑉𝑅1/𝑅1) (mA) |
| 0 | 0 | 0 | 0 |
| 2 | 0 | 2 | 0 |
| 4 | 0 | 4 | 0 |
| 6 | 0 | 6 | 0 |
| 8 | 0 | 8 | 0 |
| 10 | 0.115 | 9.884 | 0.245 |
| 12 | 2.041 | 9.959 | 4.34 |
| 14 | 4.024 | 9.976 | 8.56 |
| 16 | 6.013 | 9.987 | 12.79 |

**Table – 2: Data for Regulation due to load variation**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 𝑉𝑅 (mV) | 100.637 | 300.637 | 500.637 | 700.637 |
| 𝑉𝐿 (V) | 1.107 | 3.307 | 5.507 | 7.707 |
| 𝐼𝐿 = (𝑉𝑅/𝑅)  (mA) | 1.006 | 3.006 | 5.006 | 7.006 |

## Table – 3: Data for regulation due to supply voltage variation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| V(v) | 16 | 12 | 9 | 6 |
| 𝑉𝑅 (V) | 0.905 | 0.764 | 0.573 | 0.382 |
| 𝑉𝐿(V) | 9.955 | 8.408 | 6.306 | 4.204 |

# Graphs



