Strain rate, ≈1000 s-1 [0.9bar]

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Strain at max stress | Max stress, MPa | Strain rate, s-1 | Length, mm | Diameter, mm | Specimen # | |
| Black specimens – composite | | | | | | |
| 0.02 | 174.6 | 590 | 8.1 | 8.37 | C1 | 1 |
| 0.07 | 125.2 | 1045 | 7.3 | 8.32 | C2 | 2 |
| 0.02 | 164.4 | 704 | 8.1 | 8.35 | C3 | 3 |
| 7mm diameter specimens – Epoxy resin 1 | | | | | | |
| 0.05 | 71.3 | 1283 | 8.6 | 8.9 | E1-1 | 4 |
| 0.04 | 93.5 | 1075 | 8.8 | 8.9 | E1-2 | 5 |
| 0.05 | 98.3 | 1135 | 8.3 | 9.0 | E1-3 | 6 |
| 9mm diameter specimens – Epoxy resin 2 | | | | | | |
| 0.03 | 62.8 | 968 | 11.5 | 11.9 | E2-1 | 7 |
| 0.03 | 78.9 | 886 | 11.2 | 12.0 | E2-2 | 8 |