

Viscosity of Aqueous Glycerine Solutions in Centipoises/mPa s

| Glycerine percent weight | Temperature (°C) | | | | | | | | | | |
|--------------------------------|------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| 0 ⁰⁰ | 1.792 | 1.308 | 1.005 | 0.8007 | 0.6560 | 0.5494 | 0.4688 | 0.4061 | 0.3565 | 0.3165 | 0.2838 |
| 10 | 2.44 | 1.74 | 1.31 | 1.03 | 0.826 | 0.680 | 0.575 | 0.500 | — | — | — |
| 20 | 3.44 | 2.41 | 1.76 | 1.35 | 1.07 | 0.879 | 0.731 | 0.635 | — | — | — |
| 30 | 5.14 | 3.49 | 2.50 | 1.87 | 1.46 | 1.16 | 0.956 | 0.816 | 0.690 | — | — |
| 40 | 8.25 | 5.37 | 3.72 | 2.72 | 2.07 | 1.62 | 1.30 | 1.09 | 0.918 | 0.763 | 0.668 |
| 50 | 14.6 | 9.01 | 6.00 | 4.21 | 3.10 | 2.37 | 1.86 | 1.53 | 1.25 | 1.05 | 0.910 |
| 60 | 29.9 | 17.4 | 10.8 | 7.19 | 5.08 | 3.76 | 2.85 | 2.29 | 1.84 | 1.52 | 1.28 |
| 65 | 45.7 | 25.3 | 15.2 | 9.85 | 6.80 | 4.89 | 3.66 | 2.91 | 2.28 | 1.86 | 1.55 |
| 67 | 55.5 | 29.9 | 17.7 | 11.3 | 7.73 | 5.50 | 4.09 | 3.23 | 2.50 | 2.03 | 1.68 |
| 70 | 76 | 38.8 | 22.5 | 14.1 | 9.40 | 6.61 | 4.86 | 3.78 | 2.90 | 2.34 | 1.93 |
| 75 | 132 | 65.2 | 35.5 | 21.2 | 13.6 | 9.25 | 6.61 | 5.01 | 3.80 | 3.00 | 2.43 |
| 80 | 255 | 116 | 60.1 | 33.9 | 20.8 | 13.6 | 9.42 | 6.94 | 5.13 | 4.03 | 3.18 |
| 85 | 540 | 223 | 109 | 58 | 33.5 | 21.2 | 14.2 | 10.0 | 7.28 | 5.52 | 4.24 |
| 90 | 1310 | 498 | 219 | 109 | 60.0 | 35.5 | 22.5 | 15.5 | 11.0 | 7.93 | 6.00 |
| 91 | 1590 | 592 | 259 | 127 | 68.1 | 39.8 | 25.1 | 17.1 | 11.9 | 8.62 | 6.40 |
| 92 | 1950 | 729 | 310 | 147 | 78.3 | 44.8 | 28.0 | 19.0 | 13.1 | 9.46 | 6.82 |
| 93 | 2400 | 860 | 367 | 172 | 89 | 51.5 | 31.6 | 21.2 | 14.4 | 10.3 | 7.54 |
| 94 | 2930 | 1040 | 437 | 202 | 105 | 58.4 | 35.4 | 23.6 | 15.8 | 11.2 | 8.19 |
| 95 | 3690 | 1270 | 523 | 237 | 121 | 67.0 | 39.9 | 26.4 | 17.5 | 12.4 | 9.08 |
| 96 | 4600 | 1580 | 624 | 281 | 142 | 77.8 | 45.4 | 29.7 | 19.6 | 13.6 | 10.1 |
| 97 | 5770 | 1950 | 765 | 340 | 166 | 88.9 | 51.9 | 33.6 | 21.9 | 15.1 | 10.9 |
| 98 | 7370 | 2460 | 939 | 409 | 196 | 104 | 59.8 | 38.5 | 24.8 | 17.0 | 12.2 |
| 99 | 9420 | 3090 | 1150 | 500 | 235 | 122 | 69.1 | 43.6 | 27.8 | 19.0 | 13.3 |
| 100 | 12070 | 3900 | 1410 | 612 | 284 | 142 | 81.3 | 50.6 | 31.9 | 21.3 | 14.8 |

⁰⁰Viscosity of water taken from "Properties of Ordinary Water-Substance." N.E. Dorsey, p. 184. New York (1940)