Data Table

T [K] Surface Tension [mN/m] State Reference

353.25 32.2600 Liquid 3

353.65 32.2900 Liquid 6

353.95 32.0300 Liquid 2

355.15 32.8800 Liquid 1

355.15 33.0500 Liquid 1

363.15 32.0700 Liquid 1

363.15 32.1800 Liquid 1

373.15 31.0600 Liquid 1

373.15 31.0900 Liquid 1

383.15 30.2600 Liquid 1

383.15 30.2900 Liquid 1

384.15 29.0700 Liquid 6

394.15 29.3000 Liquid 4

426.15 24.7400 Liquid 6

574.15 12.9000 Liquid 5

584.15 12.0000 Liquid 5

594.15 11.2000 Liquid 5

604.15 10.2000 Liquid 5

614.15 9.4300 Liquid 5

624.15 8.7800 Liquid 5

634.15 7.9400 Liquid 5

644.15 7.1000 Liquid 5

653.15 6.4100 Liquid 5

663.15 5.6400 Liquid 5

673.15 4.9200 Liquid 5

List of References

Number Source

1 Burriel Marti F.: III. Recherche sur les proprétés physico-chimiques de quelques combinaisons organiques solides à la température ordinaire. Bull.Soc.Chim.Belg. 39 (1930) 590-630

2 Ray S.K.: Determination of parachor in solution. I.. J.Indian Chem.Soc. 11 (1934) 671-679

3 Bhatnagar S.-S.; Singh B.: Surface tension of several melted organic substances and Sugden's parachors.. J.Chim.Phys. 25 (1928) 21-27

4 Campbell A.N.; Campbell A.J.R.: The System Naphthalene-p-Nitrophenol: An Experimental Investigation of all the Variables in an Equation of the Freezing Point Curve. Can.J.Res.Sec.B 19 (1941) 73-85

5 Grzyll L.R.; Ramos C.; Back D.D.: Density, Viscosity, and Surface Tension of Liquid Quinoline, Naphthalene, Biphenyl, Decafluorobiphenyl, and 1,2-Diphenylbenzene from 300 to 400°C. J.Chem.Eng.Data 41 (1996) 446-450

6 Hueckel W.; Datow J.; Simmersbach E.: Physikalische Eigenschaften von Pyrazol, Imidazol und 4-Methylimidazol und ihrer Lösungen, besonders in Benzol.. Z.Phys.Chem.Abt.A 186 (1940) 129-179