

Contents

II/27 Diamagnetic Susceptibility and Anisotropy

Subvolume C: Diamagnetic Susceptibility and Magnetic Anisotropy of Organic Compounds

1	General	see subvol. A
2	Units and conversion factors	see subvol. A
3	List of symbols and abbreviations	see subvol. A
4	Organization of tables	see subvol. A
5	Diamagnetic bulk susceptibility	see subvol. A
6	Diamagnetic bulk susceptibility of inorganic and organometallic compounds	see subvol. A
7	Diamagnetic susceptibility of organic compounds	see subvol. B
8	Diamagnetic bulk susceptibility of mixtures	1
8.1	Diamagnetic susceptibility data	1
8.1.1	Tables	1
8.1.2	Figures	10
8.1.3	References for 8	16
9	Diamagnetic susceptibility contribution of the methylene group in different classes of organic compounds	17
9.1	Diamagnetic susceptibility data	17
9.2	References for 9	18
10	Magnetic susceptibility exaltations of cyclic compounds	19
10.1	Introduction	19
10.2	Magnetic susceptibility exaltation data	19
10.3	References for 10	46
11	Magnetic anisotropy of organic crystals and molecules	48
11.1	Introduction	48
11.1.1	Crystal anisotropy	48
11.1.2	Molecular anisotropy	49
11.2	Experimental methods	50
11.2.1	Farrady-Curie method	50
11.2.2	NMR method	50
11.2.3	Crystallographic method	51
11.2.4	SQUID method	51
11.2.5	References for 11.2	52
11.3	Magnetic anisotropy data	53
11.4	References for 11.3	197

Diamagnetic Susceptibility and Anisotropy of Organic
Compounds

Kumar, M.; Gupta, R.

2008, VIII, 204 p., Hardcover

ISBN: 978-3-540-44734-4