

Anthracene lattice constants theoretical calculations:

p	a	b	c	beta
0	8.39883	5.79294	11.1987	121.8687
0.25	8.27928	5.76485	11.08784	121.8378
0.5	8.17819	5.75038	11.01382	121.8652
1	8.03013	5.72481	10.91093	121.9041
1.5	7.91961	5.70057	10.83762	121.9002
2	7.83335	5.67799	10.78438	121.9298
2.5	7.75842	5.6575	10.73975	121.9289
3	7.69233	5.6409	10.69919	121.9129
3.5	7.63342	5.62715	10.6657	121.9286
4	7.58641	5.61295	10.64121	122.0415
5	7.49835	5.58829	10.59303	122.1146
6	7.42063	5.5657	10.55058	122.117
7	7.36274	5.54546	10.522	122.2977
8	7.30203	5.52776	10.48981	122.2979
9	7.25423	5.51157	10.46717	122.4386
10	7.21266	5.49523	10.4466	122.5613

Tetracene lattice constants theoretical calculations:

p	a	b	c	alpha	beta	gamma
0	5.86504	7.80955	12.76975	101.7102	98.2099	93.3821
0.25	5.82832	7.71416	12.70356	101.7906	98.1935	93.267
0.5	5.80362	7.61874	12.67765	101.979	98.1646	93.2369
1	5.7596	7.47998	12.64889	102.2651	98.1199	93.1824
1.5	5.72499	7.37856	12.60818	102.3026	98.0743	93.1892
2	5.69813	7.28925	12.58153	102.3541	98.0513	93.1671
2.5	5.67161	7.2144	12.57057	102.4835	98.0358	93.1216
3	5.65542	7.1449	12.54473	102.4469	98.001	93.1526
3.5	5.63525	7.08397	12.53701	102.5528	97.9709	93.1075
4	5.61846	7.03328	12.51765	102.5264	97.9583	93.1241
5	5.59055	6.92802	12.51603	102.765	97.8836	93.0656
6	5.56541	6.84311	12.50667	102.9024	97.8327	93.0275
7	5.53793	6.76161	12.5455	103.5183	97.6977	92.8795
8	5.51883	6.68894	12.55621	103.8252	97.6157	92.7904
9	5.50036	6.61799	12.59566	104.401	97.4887	92.6399
10	5.4817	6.56711	12.5912	104.5369	97.4611	92.5946

Pentacene lattice constants theoretical calculations:

p	a	b	c	alpha	beta	gamma
0	5.97064	7.71414	14.91102	79.043	85.2175	85.5869
0.25	5.94899	7.63333	14.78293	79.1851	85.5034	85.4702
0.5	5.92971	7.56667	14.69237	79.3351	85.668	85.3903
1	5.90106	7.45313	14.56467	79.5349	85.9552	85.2745
1.5	5.87079	7.36396	14.48543	79.7239	86.1164	85.2374
2	5.84565	7.28952	14.41843	79.9487	86.1858	85.1682
2.5	5.82395	7.22616	14.36294	80.1446	86.2644	85.1305
3	5.8037	7.17101	14.31784	80.3085	86.3183	85.0888
3.5	5.78637	7.11729	14.27867	80.4751	86.3599	85.0598
4	5.76889	7.07164	14.24666	80.5791	86.4221	85.0275
5	5.74039	6.99137	14.18244	80.8534	86.5052	84.9652
6	5.71384	6.92298	14.13296	81.0936	86.5466	84.9327
7	5.69072	6.86211	14.09125	81.2633	86.6279	84.8789
8	5.67005	6.80704	14.05136	81.4662	86.6738	84.8322
9	5.65118	6.75723	14.01786	81.642	86.7109	84.804
10	5.63321	6.71234	13.98824	81.798	86.7363	84.7551