

Powder XRD Data

C8-T5-C8

Peak	1/d ² Calculated (nm ⁻²)	1/d ² Measured (nm ⁻²)	Relative Intensity
(0 0 2)	0.430	0.432	91.05%
(1 0 0)	0.756	0.810	13.55%
(0 0 3)	0.967	0.981	12.16%
(0 0 4)	1.720	1.752	24.57%
(2 0 0)	3.025	3.008	6.01%
(2 0 2)	3.455	3.369	15.58%
(2 0 3)	3.992	4.082	17.76%
(2 0 4)	4.745	4.739	19.23%
(0 1 0)	5.408	5.289	16.91%
(0 1 1)	5.516	5.628	21.52%
(1 1 2)	6.594	6.647	100.00%
(1 1 3)	7.132	7.172	15.01%
(0 1 5)	8.096	8.215	18.97%
(0 1 6)	9.278	9.258	70.70%
(3 0 5)	9.493	9.597	18.30%
(2 0 8)	9.904	9.871	4.57%
(2 1 4)	10.153	10.431	3.25%
(3 0 6)	10.675	10.861	3.87%
(1 1 7)	11.432	11.409	13.48%
(4 0 0)	12.098	11.932	10.86%
(4 0 3)	13.066	13.247	5.82%
(2 1 7)	13.700	13.645	8.97%

C12-T5-C12

Peak	1/d ² Calculated (nm ⁻²)	1/d ² Measured (nm ⁻²)	Relative Intensity
(0 0 3)	0.5948	0.5944	1.0000
(0 0 4)	1.0574	1.0583	0.0505
(0 0 5)	1.6521	1.6521	0.0090
(0 0 6)	2.3790	2.3930	0.2357
(2 0 2)	3.5786	3.5432	0.0918
(1 0 7)	4.0667	4.1085	0.1131
(2 0 4)	4.3716	4.3162	0.1726
(2 0 5)	4.9664	4.8533	0.1929
(0 0 9)	5.3529	5.1706	0.1449
(0 1 0)	5.6835	5.5132	0.2126
(0 1 2)	5.9478	5.9510	0.0639
(1-1 2)	6.5568	6.6239	0.5062
(1-1 3)	6.8872	6.9305	0.3166
(1 1 3)	7.3264	7.2255	0.1219

(3 0 3)	8.0519	8.0490	0.0322
(1 1 5)	8.3837	8.3292	0.0294
(2-1 3)	9.1534	9.2542	0.4281
(2 1 1)	9.5030	9.5211	0.2334
(2-1 5)	10.2107	10.1778	0.0399
(1 1 8)	10.9610	10.8640	0.1146
(3 0 8)	11.6865	11.5799	0.0384
(0 1 10)	12.2920	12.3332	0.1308
(1-1 10)	12.9009	13.0636	0.0641
(3 1 2)	14.0637	13.9323	0.0527
(3 1 7)	17.0375	17.0748	0.0200
(4-1 4)	19.1196	19.2986	0.0706
(5 0 1)	20.7803	20.7794	0.0282
(5 0 4)	21.7715	21.5997	0.0485
(0 2 2)	22.9983	22.9141	0.0187
(0 2 4)	23.7913	23.7254	0.0206
(5-1 4)	26.3571	26.6079	0.0185

