

Erkennbare Reflexe

Nr	l	rel	l [mm]	r [mm]	$\frac{1}{2}(r+l)$ [mm]	2θ [°]	θ [°]	$\sin^2(\theta)$	$h^2+k^2+l^2$	hkl	M	F	F ²	LP	F ² *M*LP	a [Å]		
1	w		24.6	59.3	41.95	34.7	17.3	0.0889	2.4290									
2	ss		22.5	61.3	41.9	38.8	19.4	0.1103	3.0135	3	111	8	32	1024	7.7228	63265	3.3485	4.0199
3	ss		19.4	64.4	41.9	45.0	22.5	0.1464	4.0000	4	200	6	48	2304	5.5433	76630	4.0558	4.0289
4	s		9.2	74.6	41.9	65.4	32.7	0.2919	7.9718	8	220	12	48	2304	2.3886	66040	3.4953	4.0360
5	m		2.6	81.3	41.95	78.7	39.4	0.4020	10.9808	11	311	24	32	1024	1.6701	41044	2.1723	4.0324
6	m		0.5	83.4	41.95	82.9	41.5	0.4382	11.9688	12	222	8	48	2304	1.5456	28488	1.5078	4.0342
7	w		92	171.5	131.75	100.5	50.2	0.5911	16.1456	16	400	6	48	2304	1.3667	18894	1.0000	4.0107
8	w		98.5	165	131.75	113.5	56.8	0.6994	19.1025	19	331	24	32	1024	1.5112	37140	1.9657	4.0181
9	m		100.8	162.7	131.75	118.1	59.1	0.7355	20.0894	20	420	24	48	2304	1.6151	89308	4.7268	4.0199
10	m		111.6	152	131.8	139.6	69.8	0.8808	24.0571	24	422	24	48	2304	2.5975	143631	7.6020	4.0241
11	m		125.6	137.9	131.75	167.7	83.8	0.9885	27.0002	27	333/511	32	32	1024	9.2284	302397	16.0051	4.0255
12	w		127.0	136.5	131.76	170.5	85.3	0.9932	27.1272	27	333/511	32	32	1024	12.0195	393853	20.8456	4.0261