	thickness mm	Al2O3 ||c	Al2O3 perp c	notes	thick Al2O3	ceramic Al2O3
0	0.12000	1.6930				
1	0.12000	1.6900		cowan mod		
2	0.12000	2.1300				
3	0.12000	1.3850				
4	0.18700	2.9480				
5	0.23000	4.2000				
6	0.27100	5.0830		wedge		
7	0.29500	5.3000				
8	0.51200	8.0500		shiney		
9	0.51400	7.5140	7.5140	R face 1120		
10	0.99300	11.096	11.096	1102	11.096	
11	1.0100	10.682			10.682	
12	1.1050	11.920			11.920	
13	2.6300	12.796		wedge	12.796	
14	3.1000	13.450			13.450	
15	3.1300	13.200			13.200	
16	3.9700	14.620			14.620	
17	5.4000	13.430		side losses	13.430	
18	6.4560			side losses	11.530	
19	0.25000					3.6900
20	0.49900					5.9000
21	0.49900					5.9200
22	3.0000					12.000
23	2.8500					10.700
24	1.7400					10.400
25	1.6600					11.930
26	1.6400					12.090
27	0.90900					
28	0.84000					
29	0.71000					
30	0.51000					
31	0.50000					
32	0.46500					

	mgO	Ge SiO2 glass	ycz	J
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27	16.500			
28	15.200			
29	15.300			
30	12.500			
31	13.060			
32	12.510			

	thickness mm	Al2O3 ||c	Al2O3 perp c	notes	thick Al2O3	ceramic Al2O3
33	1.0160			111		
34	0.17000					
35	4.9700			evap target		
36	0.52300					
37	0.23700					
38	5.9600					
39	3.7800					
40	10.000					
41						
42	3.8100					
43	2.8400					
44	0.18000					
45	0.18000					
46	0.54400					
47	0.75000			heated		
48	0.84100					
49	1.6600					
50	0.83000					
51	0.79800			heated		
52	0.98000			heated		
53						
54	0.99100					
55	0.51200					
56	0.51100					
57	0.32700					
58	0.26500					
59	0.16700					
60	0.12700					
61	0.095000					
62	2.3250					
63	1.2000					

	mgO	Ge SiO2 glass	ycz	J
33				
34	2.6700			
35	11.297			
36	9.5770			
37	4.4100			
38	17.831			
39	19.687			
40				
41				
42		0.91300		
43		0.97500		
44		0.78000		
45		0.73600		
46		0.77100		
47		0.87900		
48		0.88100		
49		0.84800		
50		0.84600		
51		0.86700		
52		0.91400		
53				
54			0.71300	
55			0.69300	
56			0.70800	
57			0.64800	
58			0.62300	0.62300
59			0.53500	0.53500
60			0.51700	0.51700
61			0.32400	0.32400
62			0.77600	
63			0.75400	