

Mold Glass

- Refraction index $N_d=1.523$
- Abbe value 58
- Density 2.53 g/cm^3
- Transmission rate of white light $\geq 91\%$
- UV cut-off 290 nm
- Linear thermal expansion coefficient (0-300°C) $90.8 \times 10^{-7}/^\circ\text{C}$
- Compressive stress birefringence $\leq 70 \text{ nm/cm}$
- Annealing Point 520°C

USD/Piece

Curve		Curve Radius (mm)		C. Thick. (mm)	Dia65mm		Dia70mm		Dia71mm		Dia74mm		Dia75mm	
CVX(+)	CCV(-)	CVX(+)	CCV(-)		P.T. ¹	M.T. ²	P.T. ¹	M.T. ²	P.T. ¹	M.T. ²	P.T. ¹	M.T. ²	P.T. ¹	M.T. ²
0.00	0.00	0	0	4.5	0.190	0.190	0.220	0.220	0.240	0.240	0.260	0.260	0.270	0.270
0.00	0.00	0	0	5.0	0.210	0.210	0.240	0.240	0.270	0.270	0.290	0.290	0.300	0.300
0.00	0.00	0	0	5.5	0.230	0.230	0.280	0.280	0.310	0.310	0.330	0.330	0.340	0.340
1.00	1.00	523	523	4.5	0.190	0.190	0.220	0.220	0.240	0.240	0.260	0.260	0.270	0.270
1.00	1.00	523	523	5.0	0.210	0.210	0.240	0.240	0.270	0.270	0.290	0.290	0.300	0.300
1.00	1.00	523	523	5.5	0.230	0.230	0.280	0.280	0.310	0.310	0.330	0.330	0.340	0.340
1.00	1.00	523	523	6.0	0.260	0.260	0.320	0.320	0.350	0.350	0.370	0.370	0.370	0.370
1.00	1.00	523	523	7.0	0.310	0.310	0.360	0.360	0.420	0.420	0.420	0.420	0.430	0.430
1.00	1.00	523	523	8.0	0.350	0.350	0.400	0.400	0.450	0.450	0.460	0.460	0.470	0.470
1.00	1.00	523	523	9.0	0.380	0.380	0.450	0.450	0.480	0.480	0.500	0.500	0.510	0.510
1.00	1.00	523	523	10.0	0.420	0.420	0.500	0.500	0.510	0.510	0.530	0.530	0.540	0.540
2.00	2.00	262	262	4.5	0.190	0.190	0.220	0.220	0.240	0.240	0.260	0.260	0.270	0.270
2.00	2.00	262	262	5.0	0.210	0.210	0.240	0.240	0.270	0.270	0.290	0.290	0.300	0.300
2.00	2.00	262	262	5.5	0.230	0.230	0.280	0.280	0.310	0.310	0.330	0.330	0.340	0.340
2.00	2.00	262	262	6.0	0.260	0.260	0.320	0.320	0.350	0.350	0.370	0.370	0.370	0.370
2.00	2.00	262	262	7.0	0.310	0.310	0.360	0.360	0.400	0.400	0.420	0.420	0.430	0.430
2.00	2.00	262	262	8.0	0.350	0.350	0.400	0.400	0.450	0.450	0.460	0.460	0.470	0.470
2.00	2.00	262	262	9.0	0.380	0.380	0.450	0.450	0.480	0.480	0.500	0.500	0.510	0.510
2.00	2.00	262	262	10.0	0.420	0.420	0.500	0.500	0.510	0.510	0.530	0.530	0.540	0.540
3.00	3.00	174	174	4.5	0.190	0.190	0.220	0.220	0.240	0.240	0.260	0.260	0.270	0.270
3.00	3.00	174	174	5.0	0.210	0.210	0.240	0.240	0.270	0.270	0.290	0.290	0.300	0.300
3.00	3.00	174	174	5.5	0.230	0.230	0.280	0.280	0.310	0.310	0.330	0.330	0.340	0.340
3.00	3.00	174	174	6.0	0.260	0.260	0.320	0.320	0.350	0.350	0.370	0.370	0.370	0.370
3.00	3.00	174	174	7.0	0.310	0.310	0.360	0.360	0.400	0.400	0.420	0.420	0.430	0.430
3.00	3.00	174	174	8.0	0.350	0.350	0.400	0.400	0.450	0.450	0.460	0.460	0.470	0.470
3.00	3.00	174	174	9.0	0.380	0.380	0.450	0.450	0.480	0.480	0.500	0.500	0.510	0.510
3.00	3.00	174	174	10.0	0.420	0.420	0.500	0.500	0.510	0.510	0.530	0.530	0.540	0.540
4.00	4.00	131	131	4.5	0.190	0.190	0.220	0.220	0.240	0.240	0.260	0.260	0.270	0.270
4.00	4.00	131	131	5.0	0.210	0.210	0.240	0.240	0.270	0.270	0.290	0.290	0.300	0.300
4.00	4.00	131	131	5.5	0.230	0.230	0.280	0.280	0.310	0.310	0.330	0.330	0.340	0.340
4.00	4.00	131	131	6.0	0.260	0.260	0.320	0.320	0.350	0.350	0.370	0.370	0.370	0.370

Remark 1 P. T. means plus tolerance on diameter, allowed tolerance 0 to 0.2mm.

Remark 2 M. T. means minus tolerance on diameter, allowed tolerance - 0.2mm to 0mm.

USD/Piece

Curve		Curve Radius (mm)		C. Thick. (mm)	Dia76mm		Dia78mm		Dia80mm		Dia84mm	
CVX(+)	CCV(-)	CVX(+)	CCV(-)		P.T. ¹	M.T. ²	P.T. ¹	M.T. ²	P.T. ¹	M.T. ²	P.T. ¹	M.T. ²
0.00	0.00	0	0	4.5	0.310	0.310	0.340	0.340	0.560	0.560	0.750	0.750
0.00	0.00	0	0	5.0	0.330	0.330	0.370	0.370	0.600	0.600	0.870	0.870
0.00	0.00	0	0	5.5	0.370	0.370	0.400	0.400	0.630	0.630	0.900	0.900
1.00	1.00	523	523	4.5	0.310	0.310	0.340	0.340	0.560	0.560	0.750	0.750
1.00	1.00	523	523	5.0	0.330	0.330	0.370	0.370	0.600	0.600	0.870	0.870
1.00	1.00	523	523	5.5	0.370	0.370	0.400	0.400	0.630	0.630	0.900	0.900
1.00	1.00	523	523	6.0	0.400	0.400	0.440	0.440	0.660	0.660	0.930	0.930
1.00	1.00	523	523	7.0	0.460	0.460	0.510	0.510	0.750	0.750	0.930	0.930
1.00	1.00	523	523	8.0	0.510	0.510	0.560	0.560	0.840	0.840	1.110	1.110
1.00	1.00	523	523	9.0	0.540	0.540	0.620	0.620	0.930	0.930	1.120	1.120
1.00	1.00	523	523	10.0	0.570	0.570	0.670	0.670	1.030	1.030	1.300	1.300
2.00	2.00	262	262	4.5	0.310	0.310	0.340	0.340	0.560	0.560	0.750	0.750
2.00	2.00	262	262	5.0	0.330	0.330	0.370	0.370	0.600	0.600	0.870	0.870
2.00	2.00	262	262	5.5	0.370	0.370	0.400	0.400	0.630	0.630	0.900	0.900
2.00	2.00	262	262	6.0	0.400	0.400	0.440	0.440	0.660	0.660	0.930	0.930
2.00	2.00	262	262	7.0	0.460	0.460	0.510	0.510	0.750	0.750	0.930	0.930
2.00	2.00	262	262	8.0	0.510	0.510	0.560	0.560	0.840	0.840	1.110	1.110
2.00	2.00	262	262	9.0	0.540	0.540	0.620	0.620	0.930	0.930	1.120	1.120
2.00	2.00	262	262	10.0	0.570	0.570	0.670	0.670	1.030	1.030	1.300	1.300
3.00	3.00	174	174	4.5	0.310	0.310	0.340	0.340	0.560	0.560	0.750	0.750
3.00	3.00	174	174	5.0	0.330	0.330	0.370	0.370	0.600	0.600	0.870	0.870
3.00	3.00	174	174	5.5	0.370	0.370	0.400	0.400	0.630	0.630	0.900	0.900
3.00	3.00	174	174	6.0	0.400	0.400	0.440	0.440	0.660	0.660	0.930	0.930
3.00	3.00	174	174	7.0	0.460	0.460	0.510	0.510	0.750	0.750	0.930	0.930
3.00	3.00	174	174	8.0	0.510	0.510	0.560	0.560	0.840	0.840	1.110	1.110
3.00	3.00	174	174	9.0	0.540	0.540	0.620	0.620	0.930	0.930	1.120	1.120
3.00	3.00	174	174	10.0	0.570	0.570	0.670	0.670	1.030	1.030	1.300	1.300
4.00	4.00	131	131	4.5	0.310	0.310	0.340	0.340	0.560	0.560	0.750	0.750
4.00	4.00	131	131	5.0	0.330	0.330	0.370	0.370	0.600	0.600	0.870	0.870
4.00	4.00	131	131	5.5	0.370	0.370	0.400	0.400	0.630	0.630	0.900	0.900
4.00	4.00	131	131	6.0	0.400	0.400	0.440	0.440	0.660	0.660	0.930	0.930

Remark 1 P. T. means plus tolerance on diameter, allowed tolerance 0 to 0.2mm.

Remark 2 M. T. means minus tolerance on diameter, allowed tolerance - 0.2mm to 0mm.

USD/Piece

Curve		Curve Radius (mm)		C. Thick. (mm)	Dia65mm		Dia70mm		Dia71mm		Dia74mm		Dia75mm	
CVX(+)	CCV(-)	CVX(+)	CCV(-)		P.T. ¹	M.T. ²	P.T. ¹	M.T. ²	P.T. ¹	M.T. ²	P.T. ¹	M.T. ²	P.T. ¹	M.T. ²
4.00	4.00	131	131	7.0	0.310	0.310	0.360	0.360	0.400	0.400	0.420	0.420	0.430	0.430
4.00	4.00	131	131	8.0	0.350	0.350	0.400	0.400	0.450	0.450	0.460	0.460	0.470	0.470
4.00	4.00	131	131	9.0	0.380	0.380	0.450	0.450	0.480	0.480	0.500	0.500	0.510	0.510
4.00	4.00	131	131	10.0	0.420	0.420	0.500	0.500	0.510	0.510	0.530	0.530	0.540	0.540
4.00	5.00	131	105	6.0	0.310	0.310	0.360	0.360	0.400	0.400	0.420	0.420	0.430	0.430
5.00	5.00	105	105	4.5	0.190	0.190	0.220	0.220	0.240	0.240	0.260	0.260	0.270	0.270
5.00	5.00	105	105	5.0	0.210	0.210	0.240	0.240	0.270	0.270	0.290	0.290	0.300	0.300
5.00	5.00	105	105	5.5	0.230	0.230	0.280	0.280	0.310	0.310	0.330	0.330	0.340	0.340
5.00	5.00	105	105	6.0	0.260	0.260	0.320	0.320	0.350	0.350	0.370	0.370	0.370	0.370
5.00	5.00	105	105	7.0	0.310	0.310	0.360	0.360	0.400	0.400	0.420	0.420	0.430	0.430
5.00	5.00	105	105	8.0	0.350	0.350	0.400	0.400	0.450	0.450	0.460	0.460	0.470	0.470
5.00	5.00	105	105	9.0	0.380	0.380	0.450	0.450	0.480	0.480	0.500	0.500	0.510	0.510
5.00	5.00	105	105	10.0	0.420	0.420	0.500	0.500	0.510	0.510	0.530	0.530	0.540	0.540
5.00	6.00	105	87	6.0	0.310	0.310	0.360	0.360	0.400	0.400	0.420	0.420	0.430	0.430
5.00	7.00	105	75	6.0	0.320	0.320	0.370	0.370	0.440	0.440	0.440	0.440	0.450	0.450
5.00	9.00	105	58	6.0	0.370	0.370	0.430	0.430	0.460	0.460	0.470	0.470	0.480	0.480
6.00	6.00	87	87	6.0	0.260	0.260	0.320	0.320	0.350	0.350	0.370	0.370	0.370	0.370
6.00	6.00	87	87	7.0	0.310	0.310	0.360	0.360	0.400	0.400	0.420	0.420	0.430	0.430
6.00	6.00	87	87	8.0	0.350	0.350	0.400	0.400	0.450	0.450	0.460	0.460	0.470	0.470
6.00	6.00	87	87	9.0	0.380	0.380	0.450	0.450	0.480	0.480	0.500	0.500	0.510	0.510
6.00	6.00	87	87	10.0	0.420	0.420	0.500	0.500	0.510	0.510	0.530	0.530	0.540	0.540
6.00	7.00	87	75	6.0	0.310	0.310	0.360	0.360	0.400	0.400	0.420	0.420	0.430	0.430
6.00	8.00	87	65	6.0	0.320	0.320	0.370	0.370	0.440	0.440	0.440	0.440	0.450	0.450
6.00	10.00	87	52	6.0	0.370	0.370	0.430	0.430	0.460	0.460	0.470	0.470	0.480	0.480
7.00	7.00	75	75	6.0	0.260	0.260	0.320	0.320	0.350	0.350	0.370	0.370	0.370	0.370
7.00	7.00	75	75	7.0	0.310	0.310	0.360	0.360	0.400	0.400	0.420	0.420	0.430	0.430
7.00	7.00	75	75	8.0	0.350	0.350	0.400	0.400	0.450	0.450	0.460	0.460	0.470	0.470
7.00	7.00	75	75	9.0	0.380	0.380	0.450	0.450	0.480	0.480	0.500	0.500	0.510	0.510
7.00	7.00	75	75	10.0	0.420	0.420	0.500	0.500	0.510	0.510	0.530	0.530	0.540	0.540
7.00	9.00	75	58	6.0	0.320	0.320	0.370	0.370	0.440	0.440	0.440	0.440	0.450	0.450
8.00	8.00	65	65	6.0	0.260	0.260	0.320	0.320	0.350	0.350	0.370	0.370	0.370	0.370
8.00	8.00	65	65	7.0	0.310	0.310	0.360	0.360	0.400	0.400	0.420	0.420	0.430	0.430
8.00	8.00	65	65	8.0	0.350	0.350	0.400	0.400	0.450	0.450	0.460	0.460	0.470	0.470
8.00	8.00	65	65	9.0	0.380	0.380	0.450	0.450	0.480	0.480	0.500	0.500	0.510	0.510
8.00	8.00	65	65	10.0	0.420	0.420	0.500	0.500	0.510	0.510	0.530	0.530	0.540	0.540

Remark 1 P. T. means plus tolerance on diameter, allowed tolerance 0 to 0.2mm.

Remark 2 M. T. means minus tolerance on diameter, allowed tolerance - 0.2mm to 0mm.

USD/Piece

Curve		Curve Radius (mm)		C. Thick. (mm)	Dia76mm		Dia78mm		Dia80mm		Dia84mm	
CVX(+)	CCV(-)	CVX(+)	CCV(-)		P.T. ¹	M.T. ²	P.T. ¹	M.T. ²	P.T. ¹	M.T. ²	P.T. ¹	M.T. ²
4.00	4.00	131	131	7.0	0.460	0.460	0.510	0.510	0.750	0.750	0.930	0.930
4.00	4.00	131	131	8.0	0.510	0.510	0.560	0.560	0.840	0.840	1.110	1.110
4.00	4.00	131	131	9.0	0.540	0.540	0.620	0.620	0.930	0.930	1.120	1.120
4.00	4.00	131	131	10.0	0.570	0.570	0.670	0.670	1.030	1.030	1.300	1.300
4.00	5.00	131	105	6.0	0.460	0.460	0.510	0.510	0.740	0.740	1.310	1.310
5.00	5.00	105	105	4.5	0.310	0.310	0.340	0.340	0.560	0.560	0.750	0.750
5.00	5.00	105	105	5.0	0.330	0.330	0.370	0.370	0.600	0.600	0.870	0.870
5.00	5.00	105	105	5.5	0.370	0.370	0.400	0.400	0.630	0.630	0.900	0.900
5.00	5.00	105	105	6.0	0.400	0.400	0.440	0.440	0.660	0.660	0.930	0.930
5.00	5.00	105	105	7.0	0.460	0.460	0.510	0.510	0.750	0.750	0.930	0.930
5.00	5.00	105	105	8.0	0.510	0.510	0.560	0.560	0.840	0.840	1.110	1.110
5.00	5.00	105	105	9.0	0.540	0.540	0.620	0.620	0.930	0.930	1.120	1.120
5.00	5.00	105	105	10.0	0.570	0.570	0.670	0.670	1.030	1.030	1.300	1.300
5.00	6.00	105	87	6.0	0.460	0.460	0.510	0.510	0.740	0.740	1.310	1.310
5.00	7.00	105	75	6.0	0.490	0.490	0.530	0.530	0.770	0.770	1.430	1.430
5.00	9.00	105	58	6.0	0.510	0.510	0.570	0.570	0.790	0.790	1.470	1.470
6.00	6.00	87	87	6.0	0.400	0.400	0.440	0.440	0.660	0.660	0.930	0.930
6.00	6.00	87	87	7.0	0.460	0.460	0.510	0.510	0.750	0.750	0.930	0.930
6.00	6.00	87	87	8.0	0.510	0.510	0.560	0.560	0.840	0.840	1.110	1.110
6.00	6.00	87	87	9.0	0.540	0.540	0.620	0.620	0.930	0.930	1.120	1.120
6.00	6.00	87	87	10.0	0.570	0.570	0.670	0.670	1.030	1.030	1.300	1.300
6.00	7.00	87	75	6.0	0.460	0.460	0.510	0.510	0.740	0.740	1.310	1.310
6.00	8.00	87	65	6.0	0.490	0.490	0.530	0.530	0.770	0.770	1.430	1.430
6.00	10.00	87	52	6.0	0.510	0.510	0.570	0.570	0.790	0.790	1.470	1.470
7.00	7.00	75	75	6.0	0.400	0.400	0.440	0.440	0.660	0.660	0.930	0.930
7.00	7.00	75	75	7.0	0.460	0.460	0.510	0.510	0.750	0.750	0.930	0.930
7.00	7.00	75	75	8.0	0.510	0.510	0.560	0.560	0.840	0.840	1.110	1.110
7.00	7.00	75	75	9.0	0.540	0.540	0.620	0.620	0.930	0.930	1.120	1.120
7.00	7.00	75	75	10.0	0.570	0.570	0.670	0.670	1.030	1.030	1.300	1.300
7.00	9.00	75	58	6.0	0.490	0.490	0.530	0.530	0.770	0.770	1.430	1.430
8.00	8.00	65	65	6.0	0.400	0.400	0.440	0.440	0.660	0.660	0.930	0.930
8.00	8.00	65	65	7.0	0.460	0.460	0.510	0.510	0.750	0.750	0.930	0.930
8.00	8.00	65	65	8.0	0.510	0.510	0.560	0.560	0.840	0.840	1.110	1.110
8.00	8.00	65	65	9.0	0.540	0.540	0.620	0.620	0.930	0.930	1.120	1.120
8.00	8.00	65	65	10.0	0.570	0.570	0.670	0.670	1.030	1.030	1.300	1.300

Remark 1 P. T. means plus tolerance on diameter, allowed tolerance 0 to 0.2mm.

Remark 2 M. T. means minus tolerance on diameter, allowed tolerance - 0.2mm to 0mm.