

# RPO Standard Glass Types

Molding can be accomplished with a large range of glasses, and unlike many molders, RPO is not restricted to low transformation temperature (Tg) glasses. This large selection of glass offers the optical designer more freedom when designing multi-lens systems.

Table 1-2 lists current optical grade glass types that have been demonstrated in the RPO molding process. The dispersion (Vd) and index (Nd) data show the after-molding values for these specific glasses. RPO is verifying new glasses regularly to expand its glass molding capabilities, and the latest list can also be found online at [www.rpoptics.com](http://www.rpoptics.com) and in optical design packages Code V and ZEMAX.

**Table 1**

Glass Type	Manufacturer	Vd	Nd
D-ZF93_mold	CDGM	20.63	1.995432
N-LaSF46B_mold	Schott	31.35	1.897263
D-ZLAF85L_mold	CDGM	40.70	1.851605
L-LAH85V_mold	Ohara	40.29	1.849665
S-LAH60MQ_mold	Ohara	37.25	1.830828
H-ZLAF55C_mold	CDGM	42.80	1.829216
H-ZLAF53_mold	CDGM	36.95	1.829200
S-LAH60_mold*	Ohara	36.79	1.827266
M-FDS910_mold	Hoya	24.23	1.818279
K-VC89_mold	Sumita	40.71	1.804597
D-ZLaF52LA_mold	CDGM	40.94	1.803469
H-ZLAF52_mold*	CDGM	40.70	1.801298
S-LAH53_mold	Ohara	41.40	1.80045
H-ZLAF56_mold	CDGM	33.02	1.799999
TAF3_mold	Hoya	46.25	1.799800
S-LAH65V_mold	Ohara	46.41	1.799210
S-LAH65VS_mold	Ohara	46.44	1.799100
H-ZLAF50E_mold*	CDGM	46.27	1.798500
S-LAH64_mold	Ohara	47.24	1.783491
D-LaF50_mold	CDGM	49.00	1.771001
TAF1_mold*	Hoya	49.27	1.767000

**Table 2**

Glass Type	Manufacturer	Vd	Nd
N-LAF2_mold	Schott	44.54	1.738772
S-LAL59_mold	Ohara	50.92	1.729028
H-LAK54_mold*	CDGM	51.10	1.728497
S-LAL18_mold	Ohara	54.27	1.723761
D-LAK6_mold	CDGM	52.80	1.689442
S-LAL13_mold	Ohara	52.86	1.688895
L-TIM28_mold	Ohara	30.86	1.684030
D-ZF10_mold	CDGM	31.56	1.683680
S-LAL12_mold	Ohara	54.97	1.673298
D-LAK70_mold	CDGM	55.14	1.665254
N-LAK22_mold	Schott	55.51	1.646725
K-VC79_mold	Sumita	57.30	1.605145
BACD14_mold	Hoya	60.23	1.598511
D-ZK3_mold	CDGM	61.01	1.585683
N-SK5_mold*	Schott	60.73	1.583930
K-CSK120_mold	Sumita	59.19	1.583300
N-PK51_mold	Schott	78.11	1.525970
D-K59_mold*	CDGM	63.10	1.514796
N-BK7_mold	Schott	63.65	1.512595
N-FK5_mold	Schott	69.96	1.484390

\* Indicates preferred material choices for molding. Contact RPO for any materials selected other than preferred.

Require an additional glass type?  
Contact RPO: [rpoptics.com/contact](http://rpoptics.com/contact)

# Moldable Glass Types

