MEC4 left-handed (LAD-C) notation solvogel synthesis: 2016/7/12 take size: 2016/8/16

PS mold size: 96.25 mm S.C.D. completion: 2016/8/2 optical measurement: 2016/8/3

ID			MEC4-1a	MEC4-1b	MEC4-1c	MEC4-2a	MEC4-2b	MEC4-2c	MEC4-3a	MEC4-3b	MEC4-3c
ref.index @405nm (absolute)			1.0411	1.0414	1.0415	1.0417	1.0417	1.0417	1.0411	1.0413	1.0414
ref.index @405nm (in air)			1.0408	1.0411	1.0412	1.0414	1.0414	1.0414	1.0408	1.0410	1.0411
trans.length @400nm		[mm]	41.0	38.6	39.2	40.9	41.2	41.7	41.7	41.4	41.7
size	dimension	[mm]	93.5	93.7	93.8	93.6	93.8	93.7	93.7	93.8	93.9
	thickness		10.5	10.3	10.3	10.4	10.5	10.3	10.3	10.5	10.3
	volume	[cm^3]	92	90	90	91	92	90	91	92	91
density		[g/cm^3]	0.149	0.151	0.150	0.150	0.149	0.150	0.148	0.148	0.147
k @405nm		[cm^3/g]	0.276	0.275	0.276	0.278	0.280	0.277	0.277	0.279	0.281
total error of ref.index			0.0013	0.0011	0.0008	0.0011	0.0006	0.0008	0.0011	0.0006	0.0006
error	ref.index @405nm		0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
resolution of measurement			0.0013	0.0011	0.0008	0.0011	0.0006	0.0008	0.0011	0.0006	0.0006
	trans.length	[mm]	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
	volume	[cm^3]	2	2	2	2	2	2	2	2	2
	density	[g/cm^3]	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.004
	spot radius @405nm	[mm]	5	4	3	4	2	3	4	2	2
aerogel-screen distance		[mm]	1823	1823	1823	1823	1823	1823	1823	1823	1823
spot shift (right) @405nm	corner α	[mm]	151.5	153.5	154.5	155.0	154.0	155.0	152.0	153.0	153.5
	corner β		152.0	153.5	153.5	154.5	154.5	154.5	152.0	152.5	153.0
	corner γ		153.0	153.0	153.5	154.5	155.0	154.5	152.0	153.0	153.5
	corner δ		153.0	153.5	154.0	154.5	154.5	155.0	153.0	153.5	153.5
transmittance @400nm		[%T]	77.4	76.7	77.0	77.6	77.5	78.2	78.1	77.6	78.1
demension (detail)	A	[mm]	93.50	93.50	93.75	93.75	93.75	93.75	93.75	93.75	94.00
	B		93.50	93.75	93.75	93.50	93.75	93.50	93.75	93.75	94.00
	C		93.50	93.75	93.75	93.50	93.75	93.75	93.50	93.75	94.00
	D		93.50	93.75	93.75	93.50	93.75	93.75	93.75	93.75	93.75
long.shrink.ratio			0.971	0.973	0.974	0.972	0.974	0.973	0.973	0.974	0.976
thickness (detail)	a	[mm]	10.50	10.25	10.25	10.25	10.50	10.25	10.25	10.50	10.25
	b		10.50	10.25	10.25	10.25	10.50	10.25	10.25	10.25	10.25
	c		10.50	10.25	10.25	10.50	10.50	10.25	10.25	10.50	10.25
	d		10.50	10.25	10.25	10.50	10.50	10.25	10.50	10.75	10.50
weight		[g]	13.68	13.56	13.53	13.63	13.72	13.54	13.42	13.66	13.42
crack			free	free	free	free	free	free	free	free	free
remark											