

Options.Dat

Description

The Options.Dat file contains the description and classification of extras and coatings.

Table structure

No	Field name	Pos	Length	Format	Comments
1*	Man. code coating	1	6	T6	
2	Designation	7	40	T40	The designation may occur only once in the database.
3	Deliverable from	47	8	D	Empty = only limited by "deliverable until"
4	Deliverable until	55	8	D	Empty = no expiry date
5	Standard/ brand	63	1	9	0=standard 1=brand 2=Eco 9=same category as lens
6	For glass	64	1	B	
7	For plastic	65	1	B	
8	For polycarbonate	66	1	B	
9	For Trivex	67	1	B	
10	AR	68	1	9	0=no AR 2=single AR 5=multiple AR 8=Super AR 9=back surface AR
11	Color	69	1	9	0=none 1=filter<15% absorption 2=colored 4=1-color graduated tint 5=2-color graduated tint 6=3-color graduated tint
12	Photochromic	70	1	B	
13	Hard coating	71	1	 9	0=keine Hartschicht 1 = Hart  2 = Superhart
14	Clean coating	72	1	9	0=none 1=normal Clean 2=Super Clean
15	UV coating	73	1	B	
16	mirroring	74	1	B	
17	End edging	75	1	9	0=none 1=with traced form 2=in frame provided 3=in ordered stock frame

No	Field name	Pos	Length	Format	Comments
18	Deviating diameter	76	1	9	0=no 1=smaller 2=larger 3=optimized 4=smaller/larger
19	Deviating thickness	77	1	9	0=no 1=deviating thickness 2=thickness reduction system / MDM
20	Deviating base curve	78	1	B	
21	Deviating addition	79	1	B	
22	Deviating shape	80	1	9	
23	Power outside the delivery range	81	1	B	
24	Decentration	82	1	B	
25	Prismatic vertical balance	83	1	B	
26	Matting	84	1	B	
27	Remove coating	85	1	B	
28	Bi-lenses	86	1	B	
29	Outer toric	87	1	B	
30	Bonusable	88	1	9	0 = No 1 = Yes 2 = Depends on lens
31	Insurance	89	1	B	
32	Restrictions in traffic	90	1	9	See chapter 23.1, Traffic suitability (page 58)
33	Filter category	91	1	9	0 to 4 acc. to DIN EN ISO 8930-3
34	UV cut-off	92	3	999	999nm
35	UV-A transmission	95	4	9999	99,99%
36	UV-B transmission	99	4	9999	99,99%
37	Base lens - str. princ. mer. of	103	5	+9999	-99,99 = standard value
38	Base lens - str. princ. mer. to	108	5	+9999	+99,99 = standard value
39	Diameter from	113	2	99	0 = standard value
40	Diameter to	115	2	99	99 = standard value
41	Sorting	117	3	999	ascending number
42	Brief name	120	15	T15	Brief name of option
43	Exposed filter category	135	1	9	0 to 4 acc. to DIN EN ISO 8930-3 Value for exposed status of photochromic lenses
44	Online order possible	136	1	B	
45	Polarising	137	1	B	
46	Contrast enhancing	138	1	B	
47	Optimised wavefront	139	1	B	
48	Group designation	140	40	T40	To record a designation which can appear in several data sets
49	Single lens ordering	180	1	9	0= not possible 2= possible with virtual opposite lens 9= accept from lens
50	 Branding	181	1	B	

No	Field name	Pos	Length	Format	Comments
51	New! blueLightFilter	182	1	B	

Notes

Fields 37 and 38 were added in order to display coatings which are only deliverable in a certain power range. The definition is the same as for entries 4 and 5 in the LensGeo.Dat file (power in the str. princ. meridian from/to).

Field 11 Color: as soon as value 2 or higher is indicated in field 11, at least one color must be defined in the OptionsColor.Dat file.

Field 48 Group designation: This field can be used to record a designation which can occur in several data sets. In order to simplify the combinations, certain lens manufacturers are using different colour groups for identical colour types. These colour groups can be combined using the group designation.

Prisms and cylinders (Standard IT codes Z1, Z2, Z3, P1, P2, P3, P4, P5, P6) are not recorded in the Options.Dat file.

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