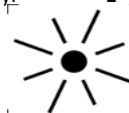



OPTICAL GLASS LENS		H2F Photochromic glass lenses		54	CUSTOMER	BARBERINI SPA	
H2F Green B 18 + ACE - Deg.Blu Avion./Sar cc(centre)					TECHNICAL DATA SHEET N.	HF334	
					GLASS CODE:	ZK3L0RX3	
Base:	6	Coating:	Deg.Blu Avion./Sar cc(centre)		DATE:	07/06/2016	
Thickness:	1.7 mm	Polarization Ratio:	0,00%		(min 8:1)		
Hardening:	Chemically	Degree of Polarization:	0,00		Photochromic Ratio:	PASS	1,57% (min 1.25)
Optical Centre:	Centre	Reflection factor:			Photochromic Interval:	0,36	

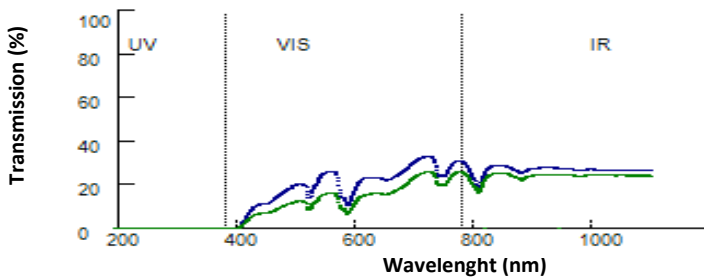
This sunglare filter is conform to the following International Norm:

		Light			Dark		
		Filter Category: 2	Medium tint		Filter Category: 3	Dark tint	
TV	(mean 380 ÷ 780 nm)	20,43%					
TSB	(mean 380 ÷ 500 nm)	12,21%					
TSIR	(mean 780 ÷ 2000 nm)		(max TV)			(max TV)	
TSUV	(mean 280 ÷ 380 nm)	0,00%			0,01%		
TSUVA	(mean 315 ÷ 380 nm)	0,00%	(max 0,5 TV)	10,21%	PASS	0,01%	(max 0,5 Tv) 6,47% PASS
TSUVB	(mean 280 ÷ 315 nm)	0,00%	(max 0,05 TV)	1,02%	PASS	0,01%	(max 0,05 TV) 0,64% PASS
TVIS	(peak min 475 ÷ 650 nm)	10,65%	(min 0,2 Tv)	4,08%	PASS	6,82%	(min 0,2 Tv) 2,58% PASS
	Qgreen	1,02	(min. = 0,60)		PASS	1,01	(min. = 0,60) PASS
	Qyellow	1,01	(min. = 0,60)		PASS	1,03	(min. = 0,60) PASS
	Qred	1,07	(min. = 0,80)		PASS	1,15	(min. = 0,80) PASS
	Qblue	0,92	(min. = 0,60)		PASS	0,91	(min. = 0,60) PASS

Suitable for driving and road use - Not suitable for driving at night or under condition of dull light

		American Norm: ANSI Z80.3-2010		Primary function and shade general purpose			
TV	(mean 380 ÷ 780 nm)	20,44%	(8<=Tv<40)	PASS		Medium to dark	
TSB	(mean 380 ÷ 500 nm)	12,21%					
TSUVB	(mean 280 ÷ 315 nm)			<i>Color limits:</i>			
	normal use	0,00%	(<=1/8Tv)	2,55%	PASS	Chromaticity (D65)	PASS
	high and prolonged exposure	0,00%	(max 1%)	0,20%	PASS	Yellow traffic signals	x=0,5758 y=0,4227 PASS
TSUVA	(mean 315 ÷ 380 nm)					Green traffic signals	x=0,2196 y=0,4635 PASS
	normal use	0,00%	(max Tv)	20,44%	PASS	<i>Traffic signal transmittance:</i>	
	high and prolonged exposure	0,00%	(max 0.5 TV)	10,22%	PASS	Red signal	23,60% (>= 8%) PASS
TSIR	(mean 780 ÷ 1400 nm)		Not Calculated			Yellow signal	20,81% (>= 6%) PASS
TVIS	(peak min 475 ÷ 650 nm)	10,66%	(min 0,2 TV)	4,08%	PASS	Green signal	20,52% (>= 6%) PASS

		Australian Norm: AS/NZS 1067:2009		Filter Category: 2			
TV	(mean 380 ÷ 780 nm)	20,43%		Medium sunglare reduction			
TSB	(mean 380 ÷ 500 nm)	12,21%		Not Suitable for driving at night			
TSIR	(mean 780 ÷ 2000 nm)		Not Calculated				
TSUV	(mean 280 ÷ 400 nm)	0,00%					
TSUVA	(mean 315 ÷ 400 nm)	0,00%	(max Tv)	20,43%	PASS	Qgreen	1,01 (min. = 0,60) PASS
TSUVB	(mean 280 ÷ 315 nm)	0,00%	(max Tv)	1,02%	PASS	Qyellow	1,01 (min. = 0,80) PASS
TSUVB1	(peak max 315 ÷ 350 nm)	0,00%	(max 0,5 Tv)	10,21%	PASS	Qred	1,07 (min. = 0,80) PASS
TVIS	(peak min 450 ÷ 650 nm)	11,59%	(min 0,2 TV)	4,08%	PASS	Qblue	0,96 (min. = 0,70) PASS

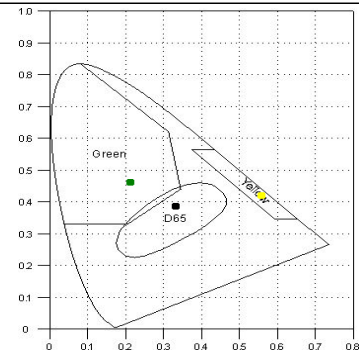


Spectral Data:

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,00	300	0,00	390	0,00	490	18,77	590	12,87	690	28,71	800	22,53
210	0,00	310	0,00	400	0,39	500	20,34	600	19,51	700	31,18	850	29,09
220	0,00	320	0,00	410	3,58	510	20,27	610	22,63	710	32,58	900	27,64
230	0,00	330	0,00	420	7,87	520	13,97	620	23,69	720	33,14	950	27,75
240	0,00	340	0,00	430	10,37	530	19,54	630	23,58	730	32,19	1000	27,24
250	0,00	350	0,00	440	11,31	540	24,37	640	23,35	740	24,43	1050	27,00
260	0,00	360	0,00	450	11,59	550	26,09	650	22,31	750	23,93	1100	26,75
270	0,00	370	0,00	460	13,27	560	26,43	660	23,08	760	28,87	1150	26,51
280	0,00	380	0,00	470	15,52	570	20,06	670	24,65	770	31,04	1200	26,41
290	0,00			480	17,46	580	14,02	680	26,32	780	30,69		

Data subject to change without notice

D65 : x=0,3420
y=0,3880
C : x=0,3404
y=0,3766



De Luca Alfonso
Responsible Alfonso De Luca