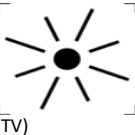
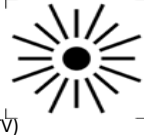


OPTICAL GLASS LENS		H2F Photochromic glass lenses		51	CUSTOMER	BARBERINI SPA
XDF Dark Grey - H2F Green B 26					TECHNICAL DATA SHEET N.	HF255
Base:	6	Coating:	H2F Green B 26		GLASS CODE:	92V606c0
Thickness:	1.9 mm	Polarization Ratio:	0,00%	(min 8:1)	DATE:	02/07/2015
Hardening:	Chemically	Degree of Polarization:	0,00		Photochromic Ratio:	PASS 2,40% (min 1.25)
Optical Centre:	Centre	Reflection factor:			Photochromic Interval:	0,58

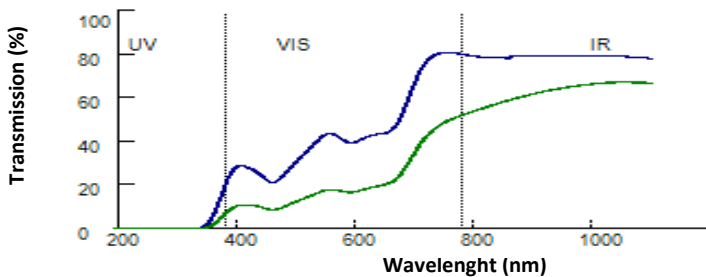
This sunglare filter is conform to the following International Norm:

European Norm: ISO 12312-1 2013		Light			Dark		
		Filter Category: 2	Medium tint		Filter Category: 3	Dark tint	
TV	(mean 380 ÷ 780 nm)	39,62%			16,48%		
TSB	(mean 380 ÷ 500 nm)	24,62%	(max TV)		9,94%	(max TV)	
TSIR	(mean 780 ÷ 2000 nm)						
TSUV	(mean 280 ÷ 380 nm)	2,52%			0,85%		
TSUVA	(mean 315 ÷ 380 nm)	3,91%	(max 0,5 TV)	19,81%	PASS 1,31%	(max 0,5 Tv)	8,24% PASS
TSUVB	(mean 280 ÷ 315 nm)	0,00%	(max 0,05 TV)	1,98%	PASS 0,00%	(max 0,05 TV)	0,82% PASS
TVIS	(peak min 475 ÷ 650 nm)	24,06%	(min 0,2 Tv)	7,92%	PASS 9,81%	(min 0,2 Tv)	3,29% PASS
	Qgreen	1,00	(min. = 0,60)		PASS 0,98	(min. = 0,60)	PASS
	Qyellow	1,05	(min. = 0,60)		PASS 1,07	(min. = 0,60)	PASS
	Qred	1,07	(min. = 0,80)		PASS 1,15	(min. = 0,80)	PASS
	Qblue	0,83	(min. = 0,60)		PASS 0,83	(min. = 0,60)	PASS

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

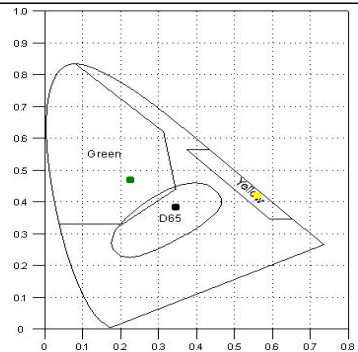
American Norm: ANSI Z80.3-2010		Primary function and shade general purpose					
TV	(mean 380 ÷ 780 nm)	39,62%	(8<=Tv<40)		PASS	Medium to dark	
TSB	(mean 380 ÷ 500 nm)	24,62%					
TSUVB	(mean 280 ÷ 315 nm)				<i>Color limits:</i>		
	normal use	0,00%	(<=1/8Tv)	4,95%	PASS	Chromaticity (D65)	PASS
	high and prolonged exposure	0,00%	(max 1%)	0,39%	PASS	Yellow traffic signals	x=0,5772 y=0,4214 PASS
TSUVA	(mean 315 ÷ 380 nm)					Green traffic signals	x=0,2317 y=0,4710 PASS
	normal use	5,61%	(max Tv)	39,62%	PASS	<i>Traffic signal transmittance:</i>	
	high and prolonged exposure	5,61%	(max 0.5 TV)	19,81%	PASS	Red signal	44,46% (>= 8%) PASS
TSIR	(mean 780 ÷ 1400 nm)		Not Calculated			Yellow signal	42,04% (>= 6%) PASS
TVIS	(peak min 475 ÷ 650 nm)	24,07%	(min 0,2 TV)	7,92%	PASS	Green signal	38,57% (>= 6%) PASS

Australian Norm: AS/NZS 1067:2009							
TV	(mean 380 ÷ 780 nm)	39,62%				Filter Category: 2	
TSB	(mean 380 ÷ 500 nm)	24,62%					
TSIR	(mean 780 ÷ 2000 nm)		Not Calculated				Medium sunglare reduction
TSUV	(mean 280 ÷ 400 nm)	4,25%					Not Suitable for driving at night
TSUVA	(mean 315 ÷ 400 nm)	6,33%	(max Tv)	39,62%	PASS	Qgreen	0,97 (min. = 0,60) PASS
TSUVB	(mean 280 ÷ 315 nm)	0,00%	(max Tv)	1,98%	PASS	Qyellow	1,05 (min. = 0,80) PASS
TSUVB1	(peak max 315 ÷ 350 nm)	2,87%	(max 0,5 Tv)	19,81%	PASS	Qred	1,07 (min. = 0,80) PASS
TVIS	(peak min 450 ÷ 650 nm)	21,37%	(min 0,2 TV)	7,92%	PASS	Qblue	0,90 (min. = 0,70) PASS



D65 : x=0,3554
y=0,3853

C : x=0,3540
y=0,3738



Spectral Data:

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,00	300	0,00	390	26,49	490	28,43	590	39,60	690	61,00	800	79,36
210	0,00	310	0,00	400	28,78	500	31,25	600	40,07	700	67,77	850	78,49
220	0,00	320	0,00	410	28,74	510	33,86	610	41,22	710	73,36	900	79,39
230	0,00	330	0,04	420	27,68	520	36,55	620	42,48	720	77,18	950	79,70
240	0,00	340	0,62	430	26,23	530	39,35	630	43,23	730	79,41	1000	79,77
250	0,00	350	2,87	440	24,19	540	41,90	640	43,52	740	80,63	1050	79,28
260	0,00	360	7,54	450	22,05	550	43,56	650	44,01	750	81,07	1100	78,32
270	0,00	370	14,29	460	21,38	560	43,59	660	45,48	760	80,98	1150	77,16
280	0,00	380	21,35	470	22,83	570	42,17	670	48,70	770	80,68	1200	76,23
290	0,00			480	25,49	580	40,44	680	54,14	780	80,19		

Data subject to change without notice

De Luca Alfonso
Responsible Alfonso De Luca