


OPTICAL GLASS LENS		Standard glass lenses		1360	CUSTOMER	BARBERINI SPA
Fumo d/uv + ACE H.D. - Deg.Mir.Green Blu/AR 99 cc					TECHNICAL DATA SHEET N.	NO3910
Base:	4,25	Coating:	Deg.Mir.Green Blu/AR 99 cc		GLASS CODE:	1360_3
Thickness:	1.7 mm	Polarization Ratio:	0,00% (min 8:1)		DATE:	11/10/2016
Hardening:	Chemically	Degree of Polarization:	0,00		Photochromic Ratio:	0,00%
Optical Centre:	Centre	Reflection factor:	PASS 1,47% (max 2.5%)		Photochromic Interval:	0,00

This sunglare filter is conform to the following International Norm:

European Norm: ISO 12312-1 2013

TV	BOTTOM:	27,31%	2	Medium tint	
TV	TOP:	15,12%			
TV	(mean 380 ÷ 780 nm)	19,59%			
TSB	(mean 380 ÷ 500 nm)	14,58%			
TSIR	(mean 780 ÷ 2000 nm)	27,78%	(max TV)	NO IR PROTECTION	
TSUV	(mean 280 ÷ 380 nm)	0,00%			
TSUVA	(mean 315 ÷ 380 nm)	0,00%	(max 0,5 TV)	9,79%	PASS
TSUVB	(mean 280 ÷ 315 nm)	0,00%	(max 0,05 TV)	0,97%	PASS
TVIS	(peak min 475 ÷ 650 nm)	12,00%	(min 0,2 Tv)	3,91%	PASS
	Qgreen	0,93	(min. = 0,60)		PASS
	Qyellow	1,11	(min. = 0,60)		PASS
	Qred	1,40	(min. = 0,80)		PASS
	Qblue	0,88	(min. = 0,60)		PASS

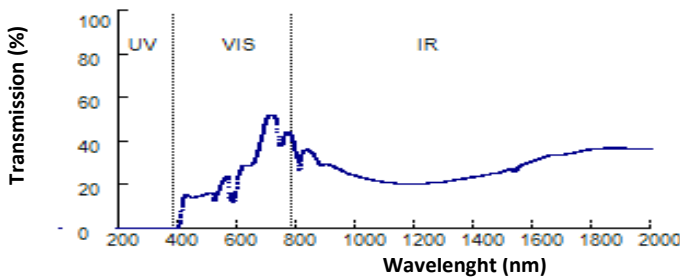
Suitable for driving and road use - Not suitable for driving at night or under condition of dull light

American Norm: ANSI Z80.3-2010

TV	(mean 380 ÷ 780 nm)	19,65% (8<=Tv<40)	PASS	Primary function and shade general purpose	
TSB	(mean 380 ÷ 500 nm)	14,58%		Medium to dark	
TSUVB	(mean 280 ÷ 315 nm)			Color limits:	
	normal use	0,00% (<=1/8Tv)	2,45%	PASS	Chromaticity (D65) PASS
	high and prolonged exposure	0,00% (max 1%)	0,19%	PASS	Yellow traffic signals x=0,5975 y=0,4013 PASS
TSUVA	(mean 315 ÷ 380 nm)				Green traffic signals x=0,2268 y=0,4251 PASS
	normal use	0,00% (max Tv)	19,65%	PASS	Traffic signal transmittance:
	high and prolonged exposure	0,00% (max 0.5 TV)	9,82%	PASS	Red signal 30,51% (>= 8%) PASS
TSIR	(mean 780 ÷ 1400 nm)	27,17% Not Calculated			Yellow signal 22,35% (>= 6%) PASS
TVIS	(peak min 475 ÷ 650 nm)	12,00% (min 0,2 TV)	3,91%	PASS	Green signal 17,91% (>= 6%) PASS

Australian Norm: AS/NZS 1067:2009

TV	(mean 380 ÷ 780 nm)	19,59%		Filter Category: 2	
TSB	(mean 380 ÷ 500 nm)	14,58%			Medium sunglare reduction
TSIR	(mean 780 ÷ 2000 nm)	27,78%			Not Suitable for driving at night
TSUV	(mean 280 ÷ 400 nm)	0,01%			
TSUVA	(mean 315 ÷ 400 nm)	0,02% (max Tv)	19,59%	PASS	Qgreen 0,91 (min. = 0,60) PASS
TSUVB	(mean 280 ÷ 315 nm)	0,00% (max Tv)	0,97%	PASS	Qyellow 1,14 (min. = 0,80) PASS
TSUVB1	(peak max 315 ÷ 350 nm)	0,00% (max 0,5 Tv)	9,79%	PASS	Qred 1,39 (min. = 0,80) PASS
TVIS	(peak min 450 ÷ 650 nm)	12,89% (min 0,2 TV)	3,91%	PASS	Qblue 0,95 (min. = 0,70) PASS

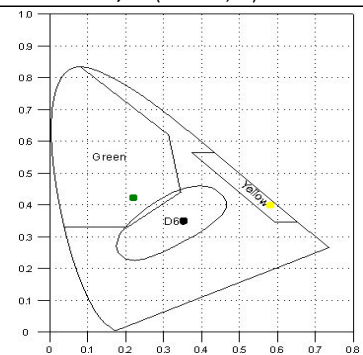


Spectral Data:

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,00	300	0,00	390	0,00	490	15,70	590	15,60	690	47,64	800	32,39
210	0,00	310	0,00	400	1,14	500	16,39	600	23,58	700	51,23	850	34,92
220	0,00	320	0,00	410	9,84	510	16,35	610	27,03	710	52,42	900	29,68
230	0,00	330	0,00	420	15,29	520	12,90	620	28,93	720	52,20	950	26,78
240	0,00	340	0,00	430	15,26	530	16,06	630	28,85	730	49,57	1000	24,31
250	0,00	350	0,00	440	14,46	540	19,71	640	29,11	740	38,14	1050	22,59
260	0,00	360	0,00	450	14,32	550	22,10	650	29,69	750	38,87	1100	21,41
270	0,00	370	0,00	460	14,75	560	24,12	660	32,69	760	43,91	1150	20,72
280	0,00	380	0,00	470	15,02	570	16,40	670	37,20	770	44,61	1200	20,58
290	0,00			480	15,33	580	16,25	680	42,33	780	42,95		

Data subject to change without notice

D65 : x=0,3616
y=0,3508
C : x=0,3589
y=0,3397



De Luca Alfonso
Responsible Alfonso De Luca