

OPTICAL GLASS LENS		Standard glass lenses		94	CUSTOMER	BARBERINI SPA
Green Vintage - AR 99 cc					TECHNICAL DATA SHEET N.	NO3205
Base:	6	Coating:	AR 99 cc		GLASS CODE:	OL0106c0
Thickness:	1.9 mm	Polarization Ratio:	0,00%	(min 4:1)	DATE:	01/02/2016
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

	Filter Category: 1	Light tint	
TV (mean 380 ÷ 780 nm)	50,14%		
TSB (mean 380 ÷ 500 nm)	39,43%		
TSIR (mean 780 ÷ 2000 nm)	71,80% (max TV)	NO IR PROTECTION	
TSUV (mean 280 ÷ 380 nm)	0,00%		
TSUVA (mean 315 ÷ 380 nm)	0,00% (max Tv)	50,14%	PASS
TSUVB (mean 280 ÷ 315 nm)	0,00% (max 0,05 TV)	2,5%	PASS
TVIS (peak min 475 ÷ 650 nm)	44,06% (min 0,2 Tv)	10,02%	PASS
Qgreen	1,04 (min. = 0,60)		PASS
Qyellow	0,97 (min. = 0,60)		PASS
Qred	0,90 (min. = 0,80)		PASS
Qblue	0,98 (min. = 0,60)		PASS

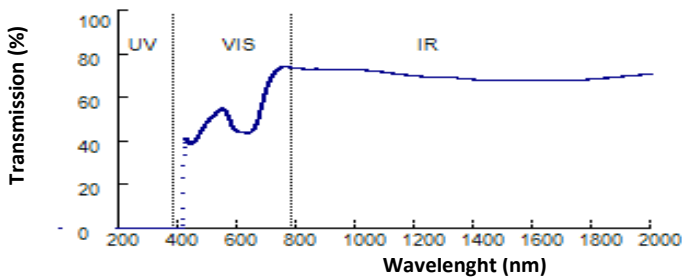
Suitable for driving and road use - Not suitable for driving at night or under condition of dull light

American Norm: ANSI Z80.3-2010

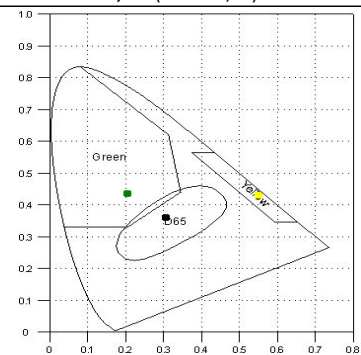
			Primary function and shade cosmetic
TV (mean 380 ÷ 780 nm)	50,05% (40<=Tv<100)	PASS	Light
TSB (mean 380 ÷ 500 nm)	39,43%		
TSUVB (mean 280 ÷ 315 nm)			Color limits:
normal use	0,00% (<=1/8Tv)	6,25%	PASS Chromaticity (D65)
high and prolonged exposure	0,00% (max 1%)	0,50%	PASS Yellow traffic signals x=0,5674 y=0,4311
TSUVA (mean 315 ÷ 380 nm)			PASS Green traffic signals x=0,2098 y=0,4362
normal use	0,00% (max Tv)	50,05%	PASS Traffic signal transmittance:
high and prolonged exposure	0,00% (max 0.5 TV)	25,02%	PASS Red signal 45,80% (>= 8%)
TSIR (mean 780 ÷ 1400 nm)	72,47% No requirement		PASS Yellow signal 48,23% (>= 6%)
TVIS (peak min 475 ÷ 650 nm)	44,06% (min 0,2 TV)	10,02%	PASS Green signal 51,88% (>= 6%)

Australian Norm: AS/NZS 1067:2009

TV (mean 380 ÷ 780 nm)	50,14%			Filter Category: 1
TSB (mean 380 ÷ 500 nm)	39,43%			Limited sunglare reduction
TSIR (mean 780 ÷ 2000 nm)	71,80%			Not Suitable for driving at night
TSUV (mean 280 ÷ 400 nm)	0,00%			
TSUVA (mean 315 ÷ 400 nm)	0,00% (max Tv)	50,14%	PASS	Qgreen 1,03 (min. = 0,60)
TSUVB (mean 280 ÷ 315 nm)	0,00% (max Tv)	2,5%	PASS	Qyellow 0,95 (min. = 0,80)
TSUVB1 (peak max 315 ÷ 350 nm)	0,00% (max Tv)	50,14%	PASS	Qred 0,90 (min. = 0,80)
TVIS (peak min 450 ÷ 650 nm)	39,65% (min 0,2 Tv)	10,02%	PASS	Qblue 1,00 (min. = 0,70)



D65 : x=0,3159
y=0,3615
C : x=0,3140
y=0,3482



Spectral Data:

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,00	300	0,00	390	0,00	490	48,14	590	45,29	690	61,64	800	73,83
210	0,00	310	0,00	400	0,00	500	49,87	600	44,70	700	65,91	850	73,26
220	0,00	320	0,00	410	0,42	510	51,20	610	44,39	710	69,21	900	73,39
230	0,00	330	0,00	420	40,74	520	52,46	620	44,22	720	71,37	950	73,32
240	0,00	340	0,00	430	40,34	530	53,71	630	44,06	730	72,81	1000	73,15
250	0,00	350	0,00	440	38,98	540	54,96	640	44,34	740	73,73	1050	72,66
260	0,00	360	0,00	450	39,66	550	55,19	650	45,39	750	74,25	1100	71,82
270	0,00	370	0,00	460	41,62	560	53,53	660	47,66	760	74,40	1150	70,95
280	0,00	380	0,00	470	43,87	570	50,45	670	51,64	770	74,35	1200	70,22
290	0,00			480	46,09	580	47,25	680	56,95	780	74,18		

Data subject to change without notice

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