


OPTICAL GLASS LENS		Polarized glass lenses		1217	CUSTOMER	BARBERINI SPA
PolaACE IR / Gr.30% - Mir. 8 St Blu/AR 99					TECHNICAL DATA SHEET N.	NO2675
Base:	6	Coating:	Mir. 8 St Blu/AR 99		GLASS CODE:	1217
Thickness:	1.8 mm	Polarization Ratio:	> 25	(min 8:1)	DATE:	27/01/2016
Hardening:	Chemically	Degree of Polarization:	0,99		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:	3	Dark tint	
				
TV	(mean 380 ÷ 780 nm)	14,70%		
TSB	(mean 380 ÷ 500 nm)	12,22%		
TSIR	(mean 780 ÷ 2000 nm)		(max TV)	
TSUV	(mean 280 ÷ 380 nm)	0,01%		
TSUVA	(mean 315 ÷ 380 nm)	0,01%	(max 0,5 TV)	7,35% PASS
TSUVB	(mean 280 ÷ 315 nm)	0,01%	(max 1%)	0,14% PASS
TVIS	(peak min 475 ÷ 650 nm)	7,42%	(min 0,2 Tv)	2,94% PASS
	Qgreen	1,02	(min. = 0,60)	PASS
	Qyellow	0,98	(min. = 0,60)	PASS
	Qred	1,03	(min. = 0,80)	PASS
	Qblue	0,99	(min. = 0,60)	PASS

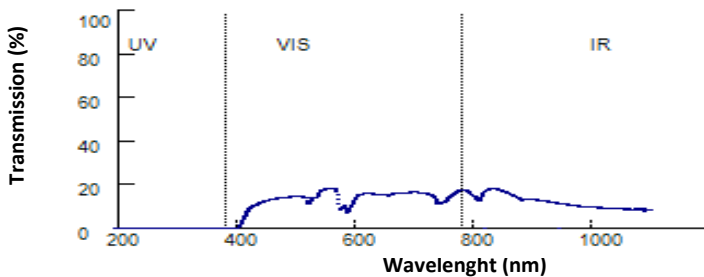
Suitable for driving and road use - Not suitable for driving at night or under condition of dull light

American Norm: ANSI Z80.3-2010

				Primary function and shade general purpose
TV	(mean 380 ÷ 780 nm)	14,70%	(8<=Tv<40)	PASS Medium to dark
TSB	(mean 380 ÷ 500 nm)	12,22%		
TSUVB	(mean 280 ÷ 315 nm)			Color limits:
	normal use	0,01%	(<=1/8Tv) 1,83%	PASS Chromaticity (D65)
	high and prolonged exposure	0,01%	(max 1%) 0,14%	PASS Yellow traffic signals x=0,5759 y=0,4226 PASS
TSUVA	(mean 315 ÷ 380 nm)			PASS Green traffic signals x=0,2081 y=0,4217 PASS
	normal use	0,01%	(max Tv) 14,70%	PASS Traffic signal transmittance:
	high and prolonged exposure	0,01%	(max 0.5 TV) 7,35%	PASS Red signal 15,97% (>= 8%) PASS
TSIR	(mean 780 ÷ 1400 nm)		Not Calculated	PASS Yellow signal 14,48% (>= 6%) PASS
TVIS	(peak min 475 ÷ 650 nm)	7,42%	(min 0,2 TV) 2,94%	PASS Green signal 14,94% (>= 6%) PASS

Australian Norm: AS/NZS 1067:2009

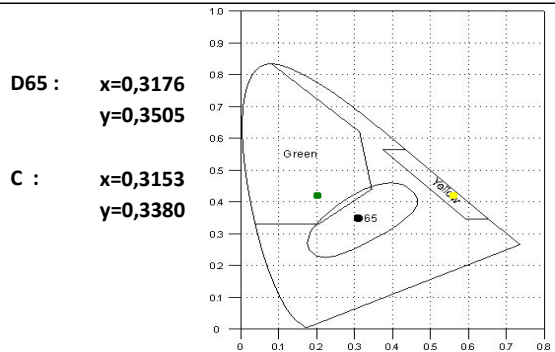
TV	(mean 380 ÷ 780 nm)	14,70%			Filter Category: 3
TSB	(mean 380 ÷ 500 nm)	12,22%			
TSIR	(mean 780 ÷ 2000 nm)		Not Calculated		High sunglare reduction
TSUV	(mean 280 ÷ 400 nm)	0,01%			Not Suitable for driving at night
TSUVA	(mean 315 ÷ 400 nm)	0,02%	(0,5 Tv) 7,35%	PASS	Qgreen 1,02 (min. = 0,60) PASS
TSUVB	(mean 280 ÷ 315 nm)	0,01%	(0,5 Tv) 0,73%	PASS	Qyellow 0,97 (min. = 0,80) PASS
TSUVB1	(peak max 315 ÷ 350 nm)	0,01%	(max 0,5 Tv) 7,35%	PASS	Qred 1,03 (min. = 0,80) PASS
TVIS	(peak min 450 ÷ 650 nm)	9,89%	(min 0,2 Tv) 2,94%	PASS	Qblue 1,00 (min. = 0,70) PASS



Spectral Data:

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,01	300	0,01	390	0,03	490	14,79	590	9,89	690	16,70	800	14,87
210	0,01	310	0,01	400	0,45	500	15,16	600	14,48	700	16,84	850	17,24
220	0,01	320	0,01	410	4,97	510	14,73	610	15,87	710	16,51	900	13,41
230	0,01	330	0,01	420	9,44	520	11,63	620	16,41	720	16,09	950	11,42
240	0,01	340	0,01	430	10,89	530	14,27	630	15,93	730	15,14	1000	9,91
250	0,01	350	0,01	440	12,20	540	17,38	640	15,78	740	11,51	1050	9,18
260	0,01	360	0,01	450	13,02	550	18,41	650	15,50	750	12,28	1100	8,61
270	0,01	370	0,01	460	13,65	560	18,75	660	15,81	760	15,15	1150	0,00
280	0,01	380	0,02	470	14,12	570	11,34	670	16,26	770	16,95	1200	0,00
290	0,01			480	14,48	580	10,70	680	16,47	780	17,79		

Data subject to change without notice



De Luca Alfonso
Responsible Alfonso De Luca