


OPTICAL GLASS LENS		Polarized glass lenses		275	CUSTOMER	BARBERINI SPA
PolaACE F./Gr.30% - Dg.Mir.Blu/AR 99 (centre)					TECHNICAL DATA SHEET N.	NO2814
					GLASS CODE:	BKP2B5c3
Base:	6	Coating:	Dg.Mir.Blu/AR 99 (centre)		DATE:	06/05/2016
Thickness:	1.8 mm	Polarization Ratio:	> 25	(min 8:1)	Photochromic Ratio:	0,00%
Hardening:	Chemically	Degree of Polarization:	0,99		Photochromic Interval:	0,00
Optical Centre:	Centre	Reflection factor:				

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)	10,21%		
TSB	(mean 380 ÷ 500 nm)	9,51%		
TSIR	(mean 780 ÷ 2000 nm)	30,31%	(max TV)	NO IR PROTECTION
TSUV	(mean 280 ÷ 380 nm)	0,00%		
TSUVA	(mean 315 ÷ 380 nm)	0,00%	(max 0,5 TV)	5,1% PASS
TSUVB	(mean 280 ÷ 315 nm)	0,00%	(max 1%)	0,1% PASS
TVIS	(peak min 475 ÷ 650 nm)	4,80%	(min 0,2 Tv)	2,04% PASS
	Qgreen	1,04	(min. = 0,60)	PASS
	Qyellow	0,94	(min. = 0,60)	PASS
	Qred	0,96	(min. = 0,80)	PASS
	Qblue	1,10	(min. = 0,60)	PASS

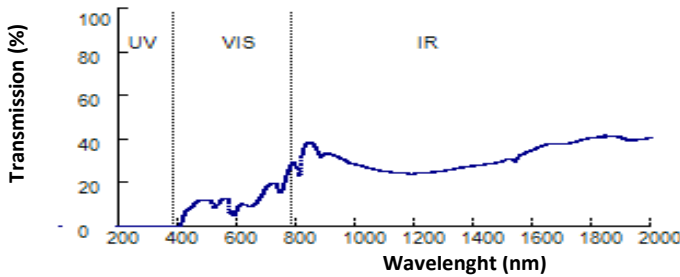
Suitable for driving and road use - Not suitable for driving at night or under condition of dull light

American Norm: ANSI Z80.3-2010

				Primary function and shade general purpose
TV	(mean 380 ÷ 780 nm)	10,21%	(8<=Tv<40)	PASS Medium to dark
TSB	(mean 380 ÷ 500 nm)	9,51%		
TSUVB	(mean 280 ÷ 315 nm)			<i>Color limits:</i>
	normal use	0,00%	(<=1/8Tv)	1,27% PASS Chromaticity (D65) PASS
	high and prolonged exposure	0,00%	(max 1%)	0,10% PASS Yellow traffic signals x=0,5718 y=0,4266 PASS
TSUVA	(mean 315 ÷ 380 nm)			Green traffic signals x=0,1980 y=0,4045 PASS
	normal use	0,00%	(max Tv)	10,21% PASS Traffic signal transmittance:
	high and prolonged exposure	0,00%	(max 0.5 TV)	5,10% PASS Red signal 10,33% (>= 8%) PASS
TSIR	(mean 780 ÷ 1400 nm)	29,41%	No requirement	Yellow signal 9,59% (>= 6%) PASS
TVIS	(peak min 475 ÷ 650 nm)	4,80%	(min 0,2 TV)	2,04% PASS Green signal 10,68% (>= 6%) PASS

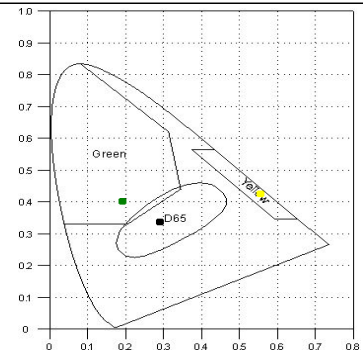
Australian Norm: AS/NZS 1067:2009

TV	(mean 380 ÷ 780 nm)	10,21%			Filter Category: 3
TSB	(mean 380 ÷ 500 nm)	9,51%			High sunglare reduction
TSIR	(mean 780 ÷ 2000 nm)	30,31%			Not Suitable for driving at night
TSUV	(mean 280 ÷ 400 nm)	0,00%			
TSUVA	(mean 315 ÷ 400 nm)	0,00%	(0,5 Tv)	5,1% PASS	Qgreen 1,04 (min. = 0,60) PASS
TSUVB	(mean 280 ÷ 315 nm)	0,00%	(0,5 Tv)	0,51% PASS	Qyellow 0,93 (min. = 0,80) PASS
TSUVB1	(peak max 315 ÷ 350 nm)	0,00%	(max 0,5 Tv)	5,1% PASS	Qred 0,95 (min. = 0,80) PASS
TVIS	(peak min 450 ÷ 650 nm)	6,21%	(min 0,2 TV)	2,04% PASS	Qblue 1,09 (min. = 0,70) PASS



D65 : **x=0,2988**
y=0,3380

C : **x=0,2965**
y=0,3254



Spectral Data:

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,00	300	0,00	390	0,00	490	12,08	590	6,22	690	16,87	800	26,95
210	0,00	310	0,00	400	0,15	500	12,06	600	9,31	700	18,58	850	38,58
220	0,00	320	0,00	410	2,74	510	11,35	610	10,13	710	19,47	900	33,82
230	0,00	330	0,00	420	6,19	520	8,46	620	10,26	720	19,98	950	31,31
240	0,00	340	0,00	430	7,87	530	10,05	630	9,72	730	19,75	1000	28,65
250	0,00	350	0,00	440	8,97	540	11,98	640	9,54	740	15,37	1050	26,72
260	0,00	360	0,00	450	10,18	550	12,61	650	9,66	750	16,99	1100	25,42
270	0,00	370	0,00	460	11,38	560	12,90	660	10,75	760	21,94	1150	24,70
280	0,00	380	0,00	470	11,96	570	8,06	670	12,51	770	25,72	1200	24,43
290	0,00			480	12,11	580	7,09	680	14,61	780	28,67		

Data subject to change without notice

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