


OPTICAL GLASS LENS		Polarized glass lenses		57 RX	CUSTOMER	BARBERINI SPA
PolaACE/Gr.30% - Sar cc					TECHNICAL DATA SHEET N.	NO2870
Base:	6	Coating:	Sar cc		GLASS CODE:	CO1AGRX0
Thickness:	2.0 mm	Polarization Ratio:	> 25	(min 8:1)	DATE:	27/06/2016
Hardening:	Chemically	Degree of Polarization:	0,99		Photochromic Ratio:	0,00%
Optical Centre:	Centre	Reflection factor:	PASS 0,53%	(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:	2	Medium tint	
				
TV	(mean 380 ÷ 780 nm)	20,24%		
TSB	(mean 380 ÷ 500 nm)	20,67%		
TSIR	(mean 780 ÷ 2000 nm)	81,47%	(max TV)	NO IR PROTECTION
TSUV	(mean 280 ÷ 380 nm)	0,00%		
TSUVA	(mean 315 ÷ 380 nm)	0,00%	(max 0,5 TV)	10,12% PASS
TSUVB	(mean 280 ÷ 315 nm)	0,00%	(max 0,05 TV)	1,01% PASS
TVIS	(peak min 475 ÷ 650 nm)	9,31%	(min 0,2 Tv)	4,04% PASS
	Qgreen	1,03	(min. = 0,60)	PASS
	Qyellow	0,94	(min. = 0,60)	PASS
	Qred	1,01	(min. = 0,80)	PASS
	Qblue	1,13	(min. = 0,60)	PASS

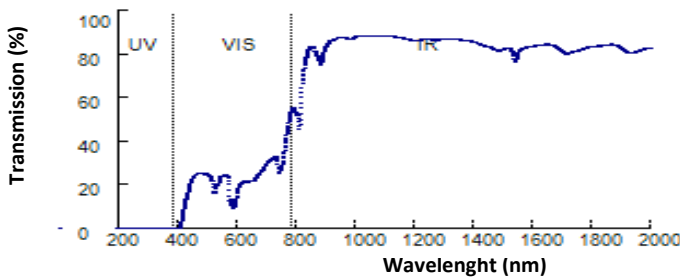
Suitable for driving and road use - Not suitable for driving at night or under condition of dull light

American Norm: ANSI Z80.3-2010

				Primary function and shade general purpose
TV	(mean 380 ÷ 780 nm)	20,24%	(8<=Tv<40)	PASS Medium to dark
TSB	(mean 380 ÷ 500 nm)	20,67%		
TSUVB	(mean 280 ÷ 315 nm)			<i>Color limits:</i>
	normal use	0,00%	(<=1/8Tv)	2,53% PASS Chromaticity (D65) PASS
	high and prolonged exposure	0,00%	(max 1%)	0,20% PASS Yellow traffic signals x=0,5777 y=0,4208 PASS
TSUVA	(mean 315 ÷ 380 nm)			PASS Green traffic signals x=0,1940 y=0,3869 PASS
	normal use	0,00%	(max Tv)	20,24% PASS <i>Traffic signal transmittance:</i>
	high and prolonged exposure	0,00%	(max 0.5 TV)	10,12% PASS Red signal 22,18% (>= 8%) PASS
TSIR	(mean 780 ÷ 1400 nm)	81,23%	No requirement	Yellow signal 19,04% (>= 6%) PASS
TVIS	(peak min 475 ÷ 650 nm)	9,31%	(min 0,2 TV)	4,04% PASS Green signal 21,05% (>= 6%) PASS

Australian Norm: AS/NZS 1067:2009

TV	(mean 380 ÷ 780 nm)	20,24%			Filter Category: 2
TSB	(mean 380 ÷ 500 nm)	20,67%			Medium sunglare reduction
TSIR	(mean 780 ÷ 2000 nm)	81,47%			Not Suitable for driving at night
TSUV	(mean 280 ÷ 400 nm)	0,00%			
TSUVA	(mean 315 ÷ 400 nm)	0,00%	(max Tv)	20,24%	PASS Qgreen 1,04 (min. = 0,60) PASS
TSUVB	(mean 280 ÷ 315 nm)	0,00%	(max Tv)	1,01%	PASS Qyellow 0,93 (min. = 0,80) PASS
TSUVB1	(peak max 315 ÷ 350 nm)	0,00%	(max 0,5 Tv)	10,12%	PASS Qred 1,00 (min. = 0,80) PASS
TVIS	(peak min 450 ÷ 650 nm)	12,19%	(min 0,2 TV)	4,04%	PASS Qblue 1,10 (min. = 0,70) PASS



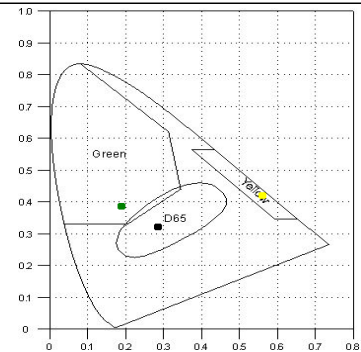
Spectral Data:

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,00	300	0,00	390	0,00	490	25,09	590	12,20	690	28,43	800	51,99
210	0,00	310	0,00	400	0,22	500	24,71	600	18,32	700	30,36	850	83,97
220	0,00	320	0,00	410	4,22	510	22,88	610	20,41	710	31,63	900	84,25
230	0,00	330	0,00	420	11,33	520	16,26	620	21,63	720	32,68	950	87,89
240	0,00	340	0,00	430	16,64	530	19,90	630	21,48	730	32,73	1000	88,34
250	0,00	350	0,00	440	21,35	540	23,56	640	21,71	740	25,90	1050	88,66
260	0,00	360	0,00	450	23,89	550	24,43	650	21,75	750	29,43	1100	88,51
270	0,00	370	0,00	460	25,12	560	24,52	660	23,10	760	39,28	1150	87,83
280	0,00	380	0,00	470	25,44	570	15,15	670	24,90	770	47,50	1200	86,70
290	0,00			480	25,42	580	13,62	680	26,54	780	53,95		

Data subject to change without notice

D65 : **x=0,2944**
y=0,3225

C : **x=0,2920**
y=0,3099



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Responsible Alfonso De Luca