


OPTICAL GLASS LENS		Polarized glass lenses		133	CUSTOMER	BARBERINI SPA
Pola Neophan / G17 - AR 99 cc					TECHNICAL DATA SHEET N.	NO2539
Base:	6	Coating:	AR 99 cc		GLASS CODE:	NG01A5N0
Thickness:	1.8 mm	Polarization Ratio:	0,00%	(min 8:1)	DATE:	12/06/2015
Hardening:	No	Degree of Polarization:	0,00		Photochromic Ratio:	0,00%
Optical Centre:	Centre	Reflection factor:			Photochromic Interval:	0,00

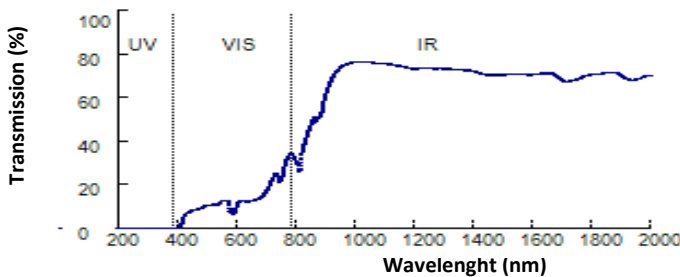
This sunglare filter is conform to the following International Norm:

European Norm: ISO 12312-1 2013		Filter Category: 3	Dark tint	
TV	(mean 380 ÷ 780 nm)	11,17%		NO IR PROTECTION
TSB	(mean 380 ÷ 500 nm)	8,12%		
TSIR	(mean 780 ÷ 2000 nm)	64,01%		
TSUV	(mean 280 ÷ 380 nm)	0,00%		
TSUVA	(mean 315 ÷ 380 nm)	0,00%	(max 0,5 TV)	5,58% PASS
TSUVB	(mean 280 ÷ 315 nm)	0,00%	(max 1%)	0,11% PASS
TVIS	(peak min 475 ÷ 650 nm)	6,86%	(min 0,2 Tv)	2,23% PASS
	Qgreen	1,00	(min. = 0,60)	PASS
	Qyellow	1,01	(min. = 0,60)	PASS
	Qred	1,11	(min. = 0,80)	PASS
	Qblue	0,96	(min. = 0,60)	PASS

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

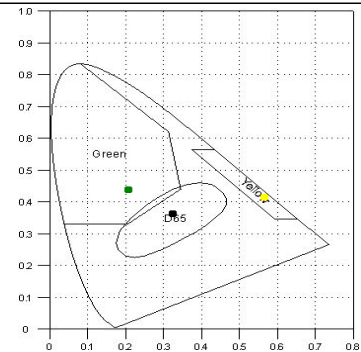
American Norm: ANSI Z80.3-2010		Primary function and shade general purpose		
TV	(mean 380 ÷ 780 nm)	11,16% (8<=Tv<40)	PASS	Medium to dark
TSB	(mean 380 ÷ 500 nm)	8,12%		
TSUVB	(mean 280 ÷ 315 nm)			<i>Color limits:</i>
	normal use	0,00% (<=1/8Tv)	1,39%	PASS Chromaticity (D65)
	high and prolonged exposure	0,00% (max 1%)	0,11%	PASS Yellow traffic signals x=0,5824 y=0,4162 PASS
TSUVA	(mean 315 ÷ 380 nm)			PASS Green traffic signals x=0,2129 y=0,4410 PASS
	normal use	0,00% (max Tv)	11,16%	PASS <i>Traffic signal transmittance:</i>
	high and prolonged exposure	0,00% (max 0.5 TV)	5,58%	PASS Red signal 12,95% (>= 8%) PASS
TSIR	(mean 780 ÷ 1400 nm)	62,77%	No requirement	PASS Yellow signal 11,38% (>= 6%) PASS
TVIS	(peak min 475 ÷ 650 nm)	6,86% (min 0,2 TV)	2,23%	PASS Green signal 11,25% (>= 6%) PASS

Australian Norm: AS/NZS 1067:2009		Filter Category: 3		
TV	(mean 380 ÷ 780 nm)	11,17%		High sunglare reduction
TSB	(mean 380 ÷ 500 nm)	8,12%		Not Suitable for driving at night
TSIR	(mean 780 ÷ 2000 nm)	64,01%		
TSUV	(mean 280 ÷ 400 nm)	0,00%		
TSUVA	(mean 315 ÷ 400 nm)	0,00% (0,5 Tv)	5,58%	PASS Qgreen 1,01 (min. = 0,60) PASS
TSUVB	(mean 280 ÷ 315 nm)	0,00% (0,5 Tv)	0,55%	PASS Qyellow 1,01 (min. = 0,80) PASS
TSUVB1	(peak max 315 ÷ 350 nm)	0,00% (max 0,5 Tv)	5,58%	PASS Qred 1,11 (min. = 0,80) PASS
TVIS	(peak min 450 ÷ 650 nm)	8,47% (min 0,2 Tv)	2,23%	PASS Qblue 1,00 (min. = 0,70) PASS



D65 : **x=0,3339**
y=0,3636

C : **x=0,3318**
y=0,3513



Spectral Data:

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,00	300	0,00	390	0,00	490	10,66	590	8,77	690	16,16	800	29,73
210	0,00	310	0,00	400	0,17	500	10,94	600	12,06	700	18,48	850	49,18
220	0,00	320	0,00	410	3,02	510	10,79	610	12,62	710	21,14	900	63,51
230	0,00	330	0,00	420	6,26	520	11,26	620	12,79	720	23,87	950	74,41
240	0,00	340	0,00	430	7,53	530	10,76	630	12,42	730	25,66	1000	76,61
250	0,00	350	0,00	440	8,23	540	12,36	640	12,58	740	21,68	1050	76,41
260	0,00	360	0,00	450	8,48	550	12,72	650	12,95	750	24,40	1100	75,67
270	0,00	370	0,00	460	8,69	560	12,97	660	13,36	760	30,18	1150	74,71
280	0,00	380	0,00	470	9,12	570	9,18	670	13,96	770	33,29	1200	73,47
290	0,00			480	9,82	580	9,28	680	14,85	780	34,30		

Data subject to change without notice

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