


OPTICAL GLASS LENS		H2F Standard glass lenses		160	CUSTOMER	BARBERINI SPA
Blu Vint.H2F VH - AR 99 cc					TECHNICAL DATA SHEET N.	NO2712
Base:	6	Coating:	AR 99 cc		GLASS CODE:	E30106c0
Thickness:	1.9 mm	Polarization Ratio:	0,00%	(min 8:1)	DATE:	20/03/2015
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: 3	Dark tint		
					
TV	(mean 380 ÷ 780 nm)	14,34%			
TSB	(mean 380 ÷ 500 nm)	8,31%			
TSIR	(mean 780 ÷ 2000 nm)	63,19%	(max TV)	NO IR PROTECTION	
TSUV	(mean 280 ÷ 380 nm)	0,00%			
TSUVA	(mean 315 ÷ 380 nm)	0,00%	(max 0,5 TV)	7,17%	PASS
TSUVB	(mean 280 ÷ 315 nm)	0,00%	(max 1%)	0,14%	PASS
TVIS	(peak min 475 ÷ 650 nm)	10,50%	(min 0,2 Tv)	2,86%	PASS
	Qgreen	0,84	(min. = 0,60)		PASS
	Qyellow	1,21	(min. = 0,60)		PASS
	Qred	1,79	(min. = 0,80)		PASS
	Qblue	0,86	(min. = 0,60)		PASS

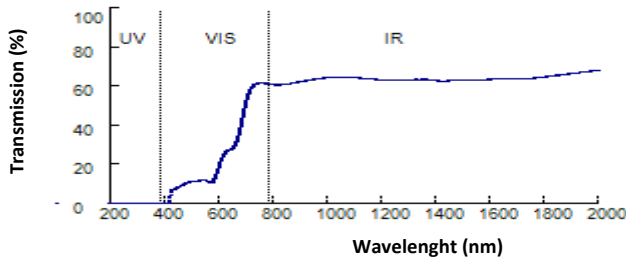
Suitable for driving and road use - Not suitable for driving at night or under condition of dull light

American Norm: ANSI Z80.3-2010

				Primary function and shade general purpose	
TV	(mean 380 ÷ 780 nm)	14,38%	($\leq Tv < 40$)	PASS	Medium to dark
TSB	(mean 380 ÷ 500 nm)	8,31%			
TSUVB	(mean 280 ÷ 315 nm)				<i>Color limits:</i>
	normal use	0,00%	($\leq 1/8Tv$)	1,79%	PASS Chromaticity (D65)
	high and prolonged exposure	0,00%	(max 1%)	0,14%	PASS Yellow traffic signals x=0,6216 y=0,3775 PASS
TSUVA	(mean 315 ÷ 380 nm)				Green traffic signals x=0,2319 y=0,4323 PASS
	normal use	0,00%	(max Tv)	14,38%	PASS <i>Traffic signal transmittance:</i>
	high and prolonged exposure	0,00%	(max 0.5 TV)	7,19%	PASS Red signal 29,10% ($\geq 8\%$) PASS
TSIR	(mean 780 ÷ 1400 nm)	63,08%	No requirement		Yellow signal 17,83% ($\geq 6\%$) PASS
TVIS	(peak min 475 ÷ 650 nm)	10,50%	(min 0,2 TV)	2,86%	PASS Green signal 12,03% ($\geq 6\%$) PASS

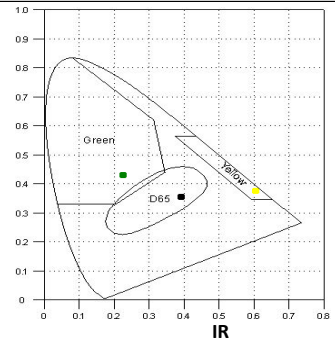
Australian Norm: AS/NZS 1067:2009

				Filter Category: 3	
				High sunglare reduction	
				Not Suitable for driving at night	
TV	(mean 380 ÷ 780 nm)	14,34%			
TSB	(mean 380 ÷ 500 nm)	8,31%			
TSIR	(mean 780 ÷ 2000 nm)	63,19%			
TSUV	(mean 280 ÷ 400 nm)	0,00%			
TSUVA	(mean 315 ÷ 400 nm)	0,00%	(0,5 Tv)	7,17%	PASS Qgreen 0,83 (min. = 0,60) PASS
TSUVB	(mean 280 ÷ 315 nm)	0,00%	(0,5 Tv)	0,71%	PASS Qyellow 1,25 (min. = 0,80) PASS
TSUVB1	(peak max 315 ÷ 350 nm)	0,00%	(max 0,5 Tv)	7,17%	PASS Qred 1,77 (min. = 0,80) PASS
TVIS	(peak min 450 ÷ 650 nm)	8,75%	(min 0,2 Tv)	2,86%	PASS Qblue 0,98 (min. = 0,70) PASS



D65 : **x=0,4041**
y=0,3558

C : **x=0,4021**
y=0,3459



Spectral Data:

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,00	300	0,00	390	0,00	490	11,12	590	16,77	690	48,84	800	61,01
210	0,00	310	0,00	400	0,00	500	11,38	600	21,00	700	54,39	850	61,23
220	0,00	320	0,00	410	0,01	510	11,54	610	24,17	710	58,08	900	62,59
230	0,00	330	0,00	420	6,39	520	11,74	620	26,20	720	60,17	950	63,77
240	0,00	340	0,00	430	7,45	530	11,95	630	27,25	730	61,24	1000	64,65
250	0,00	350	0,00	440	8,02	540	12,10	640	27,91	740	61,70	1050	64,89
260	0,00	360	0,00	450	8,75	550	11,76	650	29,15	750	61,85	1100	64,56
270	0,00	370	0,00	460	9,54	560	10,89	660	31,72	760	61,79	1150	63,95
280	0,00	380	0,00	470	10,22	570	10,76	670	36,04	770	61,58	1200	63,48
290	0,00			480	10,75	580	12,86	680	42,12	780	61,34		

Data subject to change without notice

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