

OPTICAL GLASS LENS		H2F Standard glass lenses		158	CUSTOMER	BARBERINI SPA		
Blu Vint.H2F V.6 - AR 99 cc					TECHNICAL DATA SHEET N.	NO2710		
Base:	6	Coating:	AR 99 cc	GLASS CODE:	E60106c0	DATE:	20/03/2015	
Thickness:	1.9 mm	Polarization Ratio:	0,00%	(min 8:1)				
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: 2	Medium tint	
TV (mean 380 ÷ 780 nm)	23,40%		
TSB (mean 380 ÷ 500 nm)	21,34%		
TSIR (mean 780 ÷ 2000 nm)	62,85% (max TV)	NO IR PROTECTION	
TSUV (mean 280 ÷ 380 nm)	0,00%		
TSUVA (mean 315 ÷ 380 nm)	0,00% (max 0,5 TV)	11,7%	PASS
TSUVB (mean 280 ÷ 315 nm)	0,00% (max 0,05 TV)	1,17%	PASS
TVIS (peak min 475 ÷ 650 nm)	19,20% (min 0,2 Tv)	4,68%	PASS
Qgreen	0,97 (min. = 0,60)		PASS
Qyellow	1,02 (min. = 0,60)		PASS
Qred	1,20 (min. = 0,80)		PASS
Qblue	1,03 (min. = 0,60)		PASS

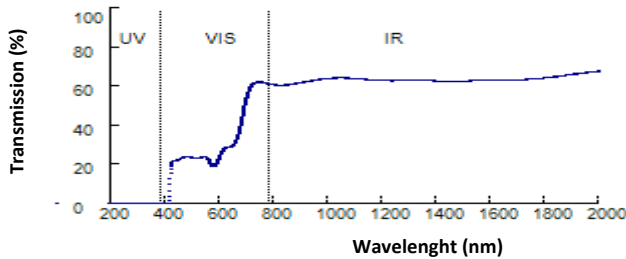
Suitable for driving and road use - Not suitable for driving at night or under condition of dull light

American Norm: ANSI Z80.3-2010

				Primary function and shade general purpose	
TV (mean 380 ÷ 780 nm)	23,39% (<=Tv<40)		PASS	Medium to dark	
TSB (mean 380 ÷ 500 nm)	21,34%				
TSUVB (mean 280 ÷ 315 nm)				Color limits:	
normal use	0,00% (<=1/8Tv)	2,92%	PASS	Chromaticity (D65)	PASS
high and prolonged exposure	0,00% (max 1%)	0,23%	PASS	Yellow traffic signals	x=0,5935 y=0,4053 PASS
TSUVA (mean 315 ÷ 380 nm)				Green traffic signals	x=0,2044 y=0,4023 PASS
normal use	0,00% (max Tv)	23,39%	PASS	Traffic signal transmittance:	
high and prolonged exposure	0,00% (max 0.5 TV)	11,69%	PASS	Red signal	30,64% (>= 8%) PASS
TSIR (mean 780 ÷ 1400 nm)	62,75% No requirement			Yellow signal	23,98% (>= 6%) PASS
TVIS (peak min 475 ÷ 650 nm)	19,20% (min 0,2 TV)	4,68%	PASS	Green signal	23,07% (>= 6%) PASS

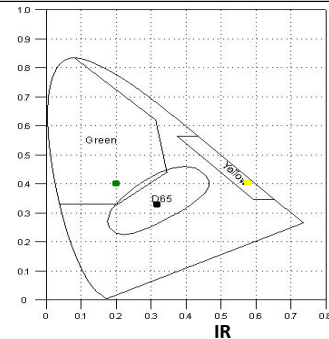
Australian Norm: AS/NZS 1067:2009

TV (mean 380 ÷ 780 nm)	23,40%			Filter Category: 2	
TSB (mean 380 ÷ 500 nm)	21,34%			Medium sunglare reduction	
TSIR (mean 780 ÷ 2000 nm)	62,85%			Not Suitable for driving at night	
TSUV (mean 280 ÷ 400 nm)	0,00%				
TSUVA (mean 315 ÷ 400 nm)	0,00% (max Tv)	23,4%	PASS	Qgreen	0,98 (min. = 0,60) PASS
TSUVB (mean 280 ÷ 315 nm)	0,00% (max Tv)	1,17%	PASS	Qyellow	1,02 (min. = 0,80) PASS
TSUVB1 (peak max 315 ÷ 350 nm)	0,00% (max 0,5 Tv)	11,7%	PASS	Qred	1,19 (min. = 0,80) PASS
TVIS (peak min 450 ÷ 650 nm)	19,45% (min 0,2 TV)	4,68%	PASS	Qblue	1,06 (min. = 0,70) PASS



D65 : **x=0,3251**
y=0,3314

C : **x=0,3223**
y=0,3184



Spectral Data:

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,00	300	0,00	390	0,00	490	23,83	590	21,58	690	49,85	800	60,97
210	0,00	310	0,00	400	0,00	500	23,65	600	24,64	700	55,46	850	60,95
220	0,00	320	0,00	410	0,08	510	23,40	610	27,02	710	59,11	900	62,12
230	0,00	330	0,00	420	20,20	520	23,44	620	28,43	720	61,11	950	63,28
240	0,00	340	0,00	430	21,93	530	23,72	630	28,99	730	62,04	1000	64,22
250	0,00	350	0,00	440	22,18	540	24,14	640	29,23	740	62,38	1050	64,49
260	0,00	360	0,00	450	22,77	550	23,71	650	30,19	750	62,37	1100	64,14
270	0,00	370	0,00	460	23,45	560	21,75	660	32,59	760	62,15	1150	63,56
280	0,00	380	0,00	470	23,86	570	19,60	670	36,87	770	61,83	1200	63,11
290	0,00			480	23,96	580	19,46	680	42,99	780	61,48		

Data subject to change without notice

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