


OPTICAL GLASS LENS		● H2F Standard glass lenses		1335	CUSTOMER	BARBERINI SPA	
Blu Vint.H2F V2 - AR 99 cc					TECHNICAL DATA SHEET N.		HN184
					GLASS CODE:		V20104C0
Base: 6		Coating: AR 99 cc			DATE:		29/07/2016
Thickness: 1.6 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)	37,55%				
TSB	(mean 380 ÷ 500 nm)	39,13%				
TSIR	(mean 780 ÷ 2000 nm)		(max TV)			
TSUV	(mean 280 ÷ 380 nm)	0,01%				
TSUVA	(mean 315 ÷ 380 nm)	0,01%	(max 0,5 TV)	18,77%	PASS	
TSUVB	(mean 280 ÷ 315 nm)	0,01%	(max 0,05 TV)	1,87%	PASS	
TVIS	(peak min 475 ÷ 650 nm)	31,82%	(min 0,2 Tv)	7,51%	PASS	
	Qgreen	1,02	(min. = 0,60)		PASS	
	Qyellow	0,96	(min. = 0,60)		PASS	
	Qred	0,96	(min. = 0,80)		PASS	
	Qblue	1,08	(min. = 0,60)		PASS	

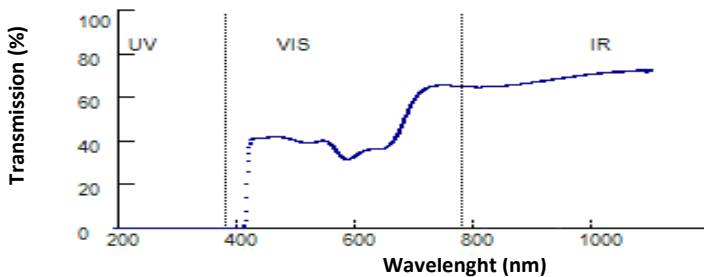
Suitable for driving and road use - Not suitable for driving at night or under condition of dull light

American Norm: ANSI Z80.3-2010

				Primary function and shade general purpose			
TV	(mean 380 ÷ 780 nm)	37,50%	(8<=Tv<40)	PASS	Medium to dark		
TSB	(mean 380 ÷ 500 nm)	39,13%					
TSUVB	(mean 280 ÷ 315 nm)			Color limits:			
	normal use	0,01%	(<=1/8Tv)	4,68%	PASS	Chromaticity (D65)	PASS
	high and prolonged exposure	0,01%	(max 1%)	0,37%	PASS	Yellow traffic signals	x=0,5758 y=0,4228 PASS
TSUVA	(mean 315 ÷ 380 nm)			Green traffic signals			
	normal use	0,01%	(max Tv)	37,50%	PASS	x=0,1988 y=0,3921 PASS	
	high and prolonged exposure	0,01%	(max 0.5 TV)	18,75%	PASS	Traffic signal transmittance:	
TSIR	(mean 780 ÷ 1400 nm)			Red signal			
				37,95% (>= 8%) PASS			
				Yellow signal			
				35,73% (>= 6%) PASS			
TVIS	(peak min 475 ÷ 650 nm)	31,83%	(min 0,2 TV)	7,51%	PASS	Green signal	38,83% (>= 6%) PASS

Australian Norm: AS/NZS 1067:2009

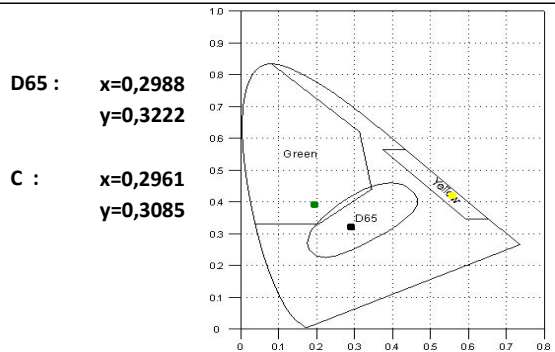
TV	(mean 380 ÷ 780 nm)	37,55%			Filter Category: 2			
TSB	(mean 380 ÷ 500 nm)	39,13%			Medium sunglare reduction			
TSIR	(mean 780 ÷ 2000 nm)			Not Suitable for driving at night				
TSUV	(mean 280 ÷ 400 nm)	0,02%						
TSUVA	(mean 315 ÷ 400 nm)	0,02%	(max Tv)	37,55%	PASS	Qgreen	1,03 (min. = 0,60) PASS	
TSUVB	(mean 280 ÷ 315 nm)	0,01%	(max Tv)	1,87%	PASS	Qyellow	0,95 (min. = 0,80) PASS	
TSUVB1	(peak max 315 ÷ 350 nm)	0,05%	(max 0,5 Tv)	18,77%	PASS	Qred	0,96 (min. = 0,80) PASS	
TVIS	(peak min 450 ÷ 650 nm)	32,11%	(min 0,2 TV)	7,51%	PASS	Qblue	1,07 (min. = 0,70) PASS	



Spectral Data:

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,01	300	0,02	390	0,09	490	41,03	590	32,19	690	55,30	800	65,13
210	0,01	310	0,01	400	0,13	500	40,31	600	33,94	700	60,11	850	65,68
220	0,01	320	0,01	410	0,63	510	39,59	610	35,45	710	63,18	900	67,31
230	0,01	330	0,02	420	38,72	520	39,38	620	36,30	720	64,83	950	69,32
240	0,01	340	0,02	430	41,63	530	39,74	630	36,47	730	65,60	1000	71,08
250	0,01	350	0,05	440	41,63	540	40,45	640	36,49	740	65,92	1050	72,19
260	0,01	360	0,02	450	41,97	550	40,26	650	37,28	750	65,93	1100	72,34
270	0,01	370	0,01	460	42,40	560	37,93	660	39,50	760	65,79	1150	0,00
280	0,01	380	0,01	470	42,33	570	34,45	670	43,54	770	65,57	1200	0,00
290	0,01			480	41,74	580	32,11	680	49,24	780	65,36		

Data subject to change without notice



De Luca Alfonso
Responsible Alfonso De Luca