


<b>OPTICAL GLASS LENS</b>		<b>H2F Standard glass lenses</b>		<b>8</b>	<b>CUSTOMER</b>	<b>BARBERINI SPA</b>
<b>Brown Vintage - H2F V 4</b>					<b>TECHNICAL DATA SHEET N.</b>	<b>HN203</b>
Base:	<b>6</b>	Coating:	<b>H2F V 4</b>	<b>(min 8:1)</b>	<b>GLASS CODE:</b>	<b>OMV406C0</b>
Thickness:	<b>1.9 mm</b>	Polarization Ratio:	<b>0,00%</b>		<b>DATE:</b>	<b>06/10/2016</b>
Hardening:	<b>Chemically</b>	Degree of Polarization:	<b>0,00</b>		Photochromic Ratio:	<b>0,00%</b>
Optical Centre:	<b>Centre</b>	Reflection factor:			Photochromic Interval:	<b>0,00</b>

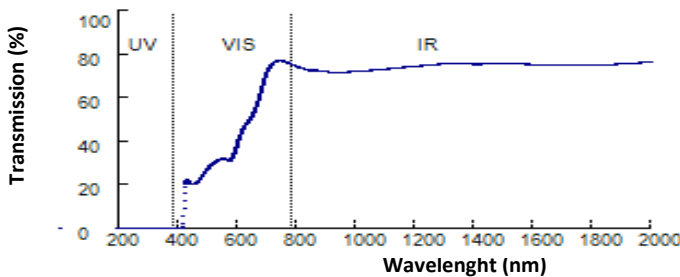
**This sunglare filter is conform to the following International Norm:**

<b>European Norm: ISO 12312-1 2013</b>		Filter Category: <b>2</b>	<b>Medium tint</b>	
<b>TV</b>	(mean 380 ÷ 780 nm)	<b>33,80%</b>		
<b>TSB</b>	(mean 380 ÷ 500 nm)	<b>20,20%</b>		
<b>TSIR</b>	(mean 780 ÷ 2000 nm)	<b>73,83%</b>	(max TV)	<b>NO IR PROTECTION</b>
<b>TSUV</b>	(mean 280 ÷ 380 nm)	<b>0,00%</b>		
<b>TSUVA</b>	(mean 315 ÷ 380 nm)	<b>0,00%</b>	(max 0,5 TV)	<b>16,9% PASS</b>
<b>TSUVB</b>	(mean 280 ÷ 315 nm)	<b>0,00%</b>	(max 0,05 TV)	<b>1,69% PASS</b>
<b>TVIS</b>	(peak min 475 ÷ 650 nm)	<b>23,62%</b>	(min 0,2 Tv)	<b>6,76% PASS</b>
	<b>Qgreen</b>	<b>0,93</b>	(min. = 0,60)	<b>PASS</b>
	<b>Qyellow</b>	<b>1,11</b>	(min. = 0,60)	<b>PASS</b>
	<b>Qred</b>	<b>1,38</b>	(min. = 0,80)	<b>PASS</b>
	<b>Qblue</b>	<b>0,86</b>	(min. = 0,60)	<b>PASS</b>

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

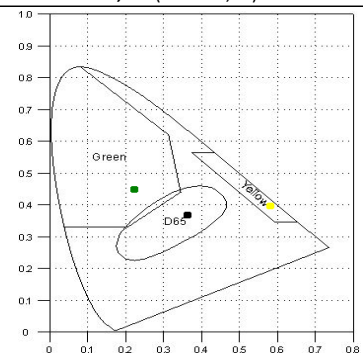
<b>American Norm: ANSI Z80.3-2010</b>		<b>Primary function and shade general purpose</b>			
<b>TV</b>	(mean 380 ÷ 780 nm)	<b>33,84%</b>	(8<=Tv<40)	<b>PASS</b>	<b>Medium to dark</b>
<b>TSB</b>	(mean 380 ÷ 500 nm)	<b>20,20%</b>			
<b>TSUVB</b>	(mean 280 ÷ 315 nm)				<b>Color limits:</b>
	normal use	<b>0,00%</b>	(<=1/8Tv)	4,23%	<b>PASS Chromaticity (D65)</b>
	high and prolonged exposure	<b>0,00%</b>	(max 1%)	0,33%	<b>PASS Yellow traffic signals x=0,5997 y=0,3991</b>
<b>TSUVA</b>	(mean 315 ÷ 380 nm)				<b>PASS Green traffic signals x=0,2281 y=0,4497</b>
	normal use	<b>0,00%</b>	(max Tv)	33,84%	<b>PASS Traffic signal transmittance:</b>
	high and prolonged exposure	<b>0,00%</b>	(max 0.5 TV)	16,92%	<b>PASS Red signal 51,10% (&gt;= 8%)</b>
<b>TSIR</b>	(mean 780 ÷ 1400 nm)	<b>73,51%</b>	Not Calculated		<b>PASS Yellow signal 38,21% (&gt;= 6%)</b>
<b>TVIS</b>	(peak min 475 ÷ 650 nm)	<b>23,63%</b>	(min 0,2 TV)	6,76%	<b>PASS Green signal 31,11% (&gt;= 6%)</b>

<b>Australian Norm: AS/NZS 1067:2009</b>		<b>Filter Category: 2</b>			
<b>TV</b>	(mean 380 ÷ 780 nm)	<b>33,80%</b>			<b>Medium sunglare reduction</b>
<b>TSB</b>	(mean 380 ÷ 500 nm)	<b>20,20%</b>			<b>Not Suitable for driving at night</b>
<b>TSIR</b>	(mean 780 ÷ 2000 nm)	<b>73,83%</b>			
<b>TSUV</b>	(mean 280 ÷ 400 nm)	<b>0,00%</b>			
<b>TSUVA</b>	(mean 315 ÷ 400 nm)	<b>0,00%</b>	(max Tv)	33,8%	<b>PASS Qgreen 0,91 (min. = 0,60)</b>
<b>TSUVB</b>	(mean 280 ÷ 315 nm)	<b>0,00%</b>	(max Tv)	1,69%	<b>PASS Qyellow 1,13 (min. = 0,80)</b>
<b>TSUVB1</b>	(peak max 315 ÷ 350 nm)	<b>0,00%</b>	(max 0,5 Tv)	16,9%	<b>PASS Qred 1,36 (min. = 0,80)</b>
<b>TVIS</b>	(peak min 450 ÷ 650 nm)	<b>20,40%</b>	(min 0,2 TV)	6,76%	<b>PASS Qblue 0,94 (min. = 0,70)</b>



**D65 : x=0,3740 y=0,3701**

**C : x=0,3720 y=0,3587**



**Spectral Data:**

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,00	300	0,00	390	0,00	490	26,48	590	35,96	690	69,22	800	74,59
210	0,00	310	0,00	400	0,00	500	28,20	600	40,41	700	72,77	850	72,65
220	0,00	320	0,00	410	0,00	510	29,54	610	44,00	710	75,09	900	72,19
230	0,00	330	0,00	420	18,85	520	30,54	620	46,79	720	76,38	950	71,97
240	0,00	340	0,00	430	21,95	530	31,30	630	48,75	730	77,03	1000	72,33
250	0,00	350	0,00	440	20,60	540	31,95	640	50,47	740	77,31	1050	72,85
260	0,00	360	0,00	450	20,41	550	32,26	650	52,63	750	77,22	1100	73,41
270	0,00	370	0,00	460	21,24	560	31,91	660	55,63	760	76,77	1150	74,02
280	0,00	380	0,00	470	22,75	570	31,36	670	59,70	770	76,17	1200	74,68
290	0,00			480	24,59	580	32,41	680	64,59	780	75,59		

Data subject to change without notice

*De Luca Alfonso*  
Responsible Alfonso De Luca