


OPTICAL GLASS LENS		● H2F Standard glass lenses		91	CUSTOMER	BARBERINI SPA
Yellow Vintage - H2F B 7					TECHNICAL DATA SHEET N.	HN208
Base:	6	Coating:	H2F B 7		GLASS CODE:	56H806c0
Thickness:	1.9 mm	Polarization Ratio:	0,00%	(min 4:1)	DATE:	09/11/2016
Hardening:	Chemically	Degree of Polarization:	0,00		Photochromic Ratio:	0,00%
Optical Centre:	Centre	Reflection factor:			Photochromic Interval:	0,00

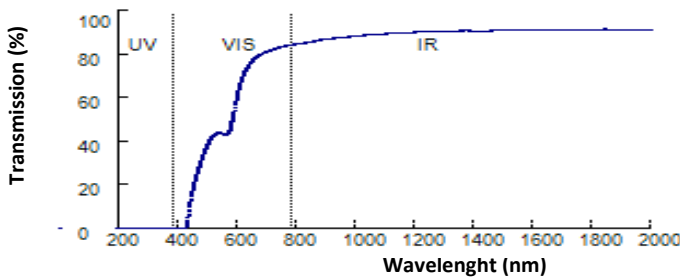
This sunglare filter is conform to the following International Norm:

European Norm: ISO 12312-1 2013		Filter Category: 1	Light tint
TV	(mean 380 ÷ 780 nm)	48,63%	
TSB	(mean 380 ÷ 500 nm)	17,94%	
TSIR	(mean 780 ÷ 2000 nm)	88,57%	(max TV) NO IR PROTECTION
TSUV	(mean 280 ÷ 380 nm)	0,00%	
TSUVA	(mean 315 ÷ 380 nm)	0,00%	(max Tv) 48,63% PASS
TSUVB	(mean 280 ÷ 315 nm)	0,00%	(max 0,05 TV) 2,43% PASS
TVIS	(peak min 475 ÷ 650 nm)	31,31%	(min 0,2 Tv) 9,72% PASS
	Qgreen	0,91	(min. = 0,60) PASS
	Qyellow	1,14	(min. = 0,60) PASS
	Qred	1,44	(min. = 0,80) PASS
	Qblue	0,81	(min. = 0,60) PASS

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

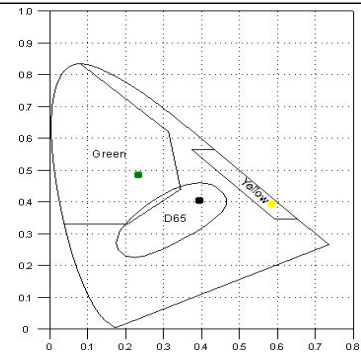
American Norm: ANSI Z80.3-2010		Primary function and shade cosmetic			
TV	(mean 380 ÷ 780 nm)	48,68%	(40<=Tv<100)	PASS	Light
TSB	(mean 380 ÷ 500 nm)	17,94%			
TSUVB	(mean 280 ÷ 315 nm)				<i>Color limits:</i>
	normal use	0,00%	(<=1/8Tv) 6,08%	PASS	Chromaticity (D65)
	high and prolonged exposure	0,00%	(max 1%) 0,48%	PASS	Yellow traffic signals x=0,6026 y=0,3964 PASS
TSUVA	(mean 315 ÷ 380 nm)				Green traffic signals x=0,2387 y=0,4875 PASS
	normal use	0,00%	(max Tv) 48,68%	PASS	<i>Traffic signal transmittance:</i>
	high and prolonged exposure	0,00%	(max 0.5 TV) 24,34%	PASS	Red signal 75,03% (>= 8%) PASS
TSIR	(mean 780 ÷ 1400 nm)	88,02%	Not Calculated		Yellow signal 56,52% (>= 6%) PASS
TVIS	(peak min 475 ÷ 650 nm)	31,32%	(min 0,2 TV) 9,72%	PASS	Green signal 43,68% (>= 6%) PASS

Australian Norm: AS/NZS 1067:2009		Filter Category: 1			
TV	(mean 380 ÷ 780 nm)	48,63%			Limited sunglare reduction
TSB	(mean 380 ÷ 500 nm)	17,94%			Not Suitable for driving at night
TSIR	(mean 780 ÷ 2000 nm)	88,57%			
TSUV	(mean 280 ÷ 400 nm)	0,00%			
TSUVA	(mean 315 ÷ 400 nm)	0,00%	(max Tv) 48,63%	PASS	Qgreen 0,89 (min. = 0,60) PASS
TSUVB	(mean 280 ÷ 315 nm)	0,00%	(max Tv) 2,43%	PASS	Qyellow 1,17 (min. = 0,80) PASS
TSUVB1	(peak max 315 ÷ 350 nm)	0,00%	(max Tv) 48,63%	PASS	Qred 1,43 (min. = 0,80) PASS
TVIS	(peak min 450 ÷ 650 nm)	20,02%	(min 0,2 Tv) 9,72%	PASS	Qblue 0,90 (min. = 0,70) PASS



D65 : **x=0,4050**
y=0,4050

C : **x=0,4051**
y=0,3969



Spectral Data:

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,00	300	0,00	390	0,00	490	36,69	590	56,74	690	81,08	800	84,96
210	0,00	310	0,00	400	0,00	500	39,61	600	63,03	700	81,65	850	85,95
220	0,00	320	0,00	410	0,00	510	41,84	610	67,79	710	82,17	900	87,20
230	0,00	330	0,00	420	0,03	520	43,32	620	71,31	720	82,61	950	87,94
240	0,00	340	0,00	430	4,90	530	44,06	630	73,87	730	82,97	1000	88,63
250	0,00	350	0,00	440	13,90	540	44,09	640	75,81	740	83,34	1050	89,20
260	0,00	360	0,00	450	20,02	550	43,52	650	77,36	750	83,66	1100	89,67
270	0,00	370	0,00	460	24,90	560	43,06	660	78,56	760	83,88	1150	90,06
280	0,00	380	0,00	470	29,28	570	44,62	670	79,55	770	84,23	1200	90,38
290	0,00			480	33,25	580	49,66	680	80,39	780	84,48		

Data subject to change without notice

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