


OPTICAL GLASS LENS		Standard glass lenses		1389	CUSTOMER	BARBERINI SPA
Fumo d/uv - Grey Vintage - Deg.Blu 30%					TECHNICAL DATA SHEET N.	NO3955
Base:	2,50	Coating:	Deg.Blu 30%		GLASS CODE:	170602ZT1H
Thickness:	1.7 mm	Polarization Ratio:	0,00%	(min 8:1)	DATE:	20/10/2016
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

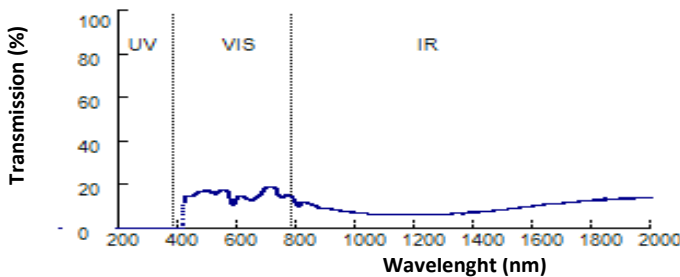
This sunglare filter is conform to the following International Norm:

European Norm: ISO 12312-1 2013		Filter Category: 3		Dark tint	
TV BOTTOM:	22,30%				
TV TOP:	12,42%				
TV (mean 380 ÷ 780 nm)	15,70%				
TSB (mean 380 ÷ 500 nm)	14,93%				
TSIR (mean 780 ÷ 2000 nm)	8,96%	(max TV)	IR PROTECTION		
TSUV (mean 280 ÷ 380 nm)	0,00%				
TSUVA (mean 315 ÷ 380 nm)	0,00%	(max 0,5 TV)	7,85%	PASS	
TSUVB (mean 280 ÷ 315 nm)	0,00%	(max 1%)	0,15%	PASS	
TVIS (peak min 475 ÷ 650 nm)	10,67%	(min 0,2 Tv)	3,14%	PASS	
Qgreen	1,04	(min. = 0,60)		PASS	
Qyellow	0,94	(min. = 0,60)		PASS	
Qred	0,90	(min. = 0,80)		PASS	
Qblue	1,06	(min. = 0,60)		PASS	

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

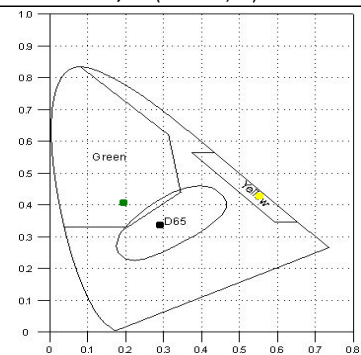
American Norm: ANSI Z80.3-2010		Primary function and shade general purpose			
TV (mean 380 ÷ 780 nm)	15,67%	(8<=Tv<40)	PASS	Medium to dark	
TSB (mean 380 ÷ 500 nm)	14,93%				
TSUVB (mean 280 ÷ 315 nm)				Color limits:	
normal use	0,00%	(<=1/8Tv)	1,95%	PASS	Chromaticity (D65)
high and prolonged exposure	0,00%	(max 1%)	0,15%	PASS	Yellow traffic signals x=0,5683 y=0,4302
TSUVA (mean 315 ÷ 380 nm)					Green traffic signals x=0,1995 y=0,4099
normal use	0,00%	(max Tv)	15,67%	PASS	Traffic signal transmittance:
high and prolonged exposure	0,00%	(max 0.5 TV)	7,83%	PASS	Red signal 14,00% (>= 8%)
TSIR (mean 780 ÷ 1400 nm)	8,65%	Not Calculated			Yellow signal 14,60% (>= 6%)
TVIS (peak min 475 ÷ 650 nm)	10,67%	(min 0,2 TV)	3,14%	PASS	Green signal 16,55% (>= 6%)

Australian Norm: AS/NZS 1067:2009		Filter Category: 3			
TV (mean 380 ÷ 780 nm)	15,70%	High sunglare reduction			
TSB (mean 380 ÷ 500 nm)	14,93%	Not Suitable for driving at night			
TSIR (mean 780 ÷ 2000 nm)	8,96%				
TSUV (mean 280 ÷ 400 nm)	0,00%				
TSUVA (mean 315 ÷ 400 nm)	0,00%	(0,5 Tv)	7,85%	PASS	Qgreen 1,05 (min. = 0,60)
TSUVB (mean 280 ÷ 315 nm)	0,00%	(0,5 Tv)	0,78%	PASS	Qyellow 0,92 (min. = 0,80)
TSUVB1 (peak max 315 ÷ 350 nm)	0,00%	(max 0,5 Tv)	7,85%	PASS	Qred 0,90 (min. = 0,80)
TVIS (peak min 450 ÷ 650 nm)	11,28%	(min 0,2 Tv)	3,14%	PASS	Qblue 1,06 (min. = 0,70)



D65 : x=0,2986
y=0,3380

C : x=0,2962
y=0,3244



Spectral Data:

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,00	300	0,00	390	0,00	490	17,48	590	12,25	690	18,32	800	11,09
210	0,00	310	0,00	400	0,00	500	17,40	600	14,71	700	19,19	850	11,08
220	0,00	320	0,00	410	1,32	510	16,81	610	15,03	710	19,31	900	9,35
230	0,00	330	0,00	420	13,84	520	16,86	620	14,41	720	18,96	950	8,25
240	0,00	340	0,00	430	14,94	530	16,48	630	13,70	730	17,59	1000	7,40
250	0,00	350	0,00	440	14,76	540	17,54	640	13,25	740	14,97	1050	6,78
260	0,00	360	0,00	450	15,38	550	17,74	650	13,29	750	14,50	1100	6,42
270	0,00	370	0,00	460	16,30	560	17,58	660	13,93	760	15,43	1150	6,24
280	0,00	380	0,00	470	16,92	570	14,82	670	15,10	770	15,35	1200	6,29
290	0,00			480	17,22	580	11,29	680	16,63	780	14,64		

Data subject to change without notice

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