


OPTICAL GLASS LENS		Polarized glass lenses		CUSTOMER		BARBERINI SPA	
PolaACE/Br.27% - Deg.Mir.Blu/AR 99 (centre)				TECHNICAL DATA SHEET N.		NO2698	
				GLASS CODE:		160602CDMP2	
Base: 6		Coating: Deg.Mir.Blu/AR 99 (centre)		DATE:		17/02/2016	
Thickness: 1.8 mm		Polarization Ratio: > 25 (min 8:1)		Photochromic Ratio:		0,00%	
Hardening: Chemically		Degree of Polarization: 0,99		Photochromic Interval:		0,00	
Optical Centre: Centre		Reflection factor: PASS 1,47% (max 2.5%)					

This sunglare filter is conform to the following International Norm:

European Norm: ISO 12312-1 2013

		Filter Category: 3		Dark tint			
							
TV	(mean 380 ÷ 780 nm)	16,82%					
TSB	(mean 380 ÷ 500 nm)	10,98%					
TSIR	(mean 780 ÷ 2000 nm)		(max TV)				
TSUV	(mean 280 ÷ 380 nm)	0,00%					
TSUVA	(mean 315 ÷ 380 nm)	0,00%	(max 0,5 TV)	8,41%	PASS		
TSUVB	(mean 280 ÷ 315 nm)	0,01%	(max 1%)	0,16%	PASS		
TVIS	(peak min 475 ÷ 650 nm)	9,46%	(min 0,2 Tv)	3,36%	PASS		
	Qgreen	0,97	(min. = 0,60)		PASS		
	Qyellow	1,07	(min. = 0,60)		PASS		
	Qred	1,27	(min. = 0,80)		PASS		
	Qblue	0,88	(min. = 0,60)		PASS		

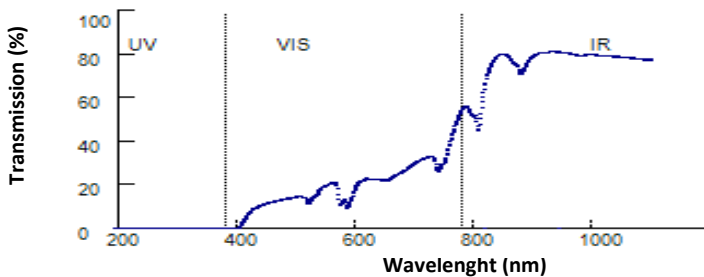
Suitable for driving and road use - Not suitable for driving at night or under condition of dull light

American Norm: ANSI Z80.3-2010

				Primary function and shade general purpose			
				Medium to dark			
TV	(mean 380 ÷ 780 nm)	16,85%	(8<=Tv<40)		PASS		
TSB	(mean 380 ÷ 500 nm)	10,98%					
TSUVB	(mean 280 ÷ 315 nm)						
				Color limits:			
				Chromaticity (D65)		PASS	
				Yellow traffic signals		x=0,5900 y=0,4088	
				Green traffic signals		x=0,2243 y=0,4408	
TSUVA	(mean 315 ÷ 380 nm)			Traffic signal transmittance:			
				Red signal		22,99% (>= 8%)	
				Yellow signal		18,36% (>= 6%)	
TSIR	(mean 780 ÷ 1400 nm)		Not Calculated	Green signal		15,94% (>= 6%)	
TVIS	(peak min 475 ÷ 650 nm)	9,46%	(min 0,2 TV)	3,36%	PASS		

Australian Norm: AS/NZS 1067:2009

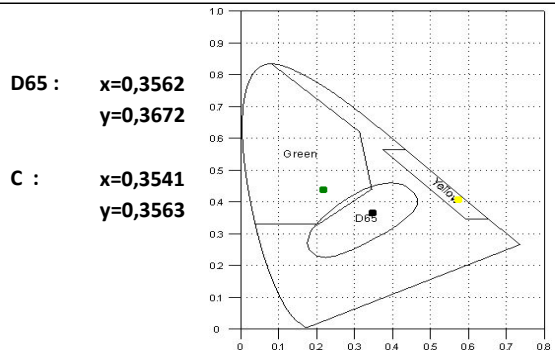
TV	(mean 380 ÷ 780 nm)	16,82%					
TSB	(mean 380 ÷ 500 nm)	10,98%					
TSIR	(mean 780 ÷ 2000 nm)		Not Calculated	Filter Category: 3		High sunglare reduction	
TSUV	(mean 280 ÷ 400 nm)	0,01%				Not Suitable for driving at night	
TSUVA	(mean 315 ÷ 400 nm)	0,01%	(0,5 Tv)	8,41%	PASS	Qgreen	0,95 (min. = 0,60)
TSUVB	(mean 280 ÷ 315 nm)	0,01%	(0,5 Tv)	0,84%	PASS	Qyellow	1,09 (min. = 0,80)
TSUVB1	(peak max 315 ÷ 350 nm)	0,01%	(max 0,5 Tv)	8,41%	PASS	Qred	1,27 (min. = 0,80)
TVIS	(peak min 450 ÷ 650 nm)	11,60%	(min 0,2 Tv)	3,36%	PASS	Qblue	0,93 (min. = 0,70)



Spectral Data:

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,01	300	0,01	390	0,01	490	14,23	590	12,91	690	28,45	800	51,76
210	0,01	310	0,01	400	0,31	500	14,67	600	19,53	700	30,35	850	80,38
220	0,01	320	0,01	410	3,69	510	14,39	610	21,84	710	31,59	900	79,37
230	0,01	330	0,01	420	7,57	520	11,61	620	22,94	720	32,82	950	81,09
240	0,01	340	0,01	430	9,32	530	14,80	630	22,49	730	33,03	1000	80,00
250	0,01	350	0,01	440	10,90	540	18,50	640	22,43	740	26,79	1050	78,85
260	0,01	360	0,01	450	11,72	550	19,97	650	22,34	750	30,79	1100	77,69
270	0,01	370	0,01	460	12,45	560	21,13	660	23,32	760	41,06	1150	0,00
280	0,01	380	0,01	470	13,15	570	13,40	670	24,99	770	49,28	1200	0,00
290	0,01			480	13,75	580	13,46	680	26,54	780	55,20		

Data subject to change without notice



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