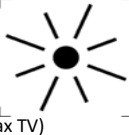


<b>OPTICAL GLASS LENS</b>		<b>Polarized glass lenses</b>		<b>1065</b>	<b>CUSTOMER</b>	<b>BARBERINI SPA</b>
<b>PolaACE / Br.V.36A - Deg.Brown (centre)</b>					<b>TECHNICAL DATA SHEET N.</b>	<b>NO2668</b>
Base:	<b>6</b>	Coating:	<b>Deg.Brown (centre)</b>		<b>GLASS CODE:</b>	<b>1065</b>
Thickness:	<b>1.8 mm</b>	Polarization Ratio:	<b>&gt; 25</b>	<b>(min 8:1)</b>	<b>DATE:</b>	<b>26/01/2016</b>
Hardening:	<b>Chemically</b>	Degree of Polarization:	<b>0,96</b>		Photochromic Ratio:	<b>0,00%</b>
Optical Centre:	<b>Centre</b>	Reflection factor:	<b>PASS 1,47%</b>	<b>(max 2.5%)</b>	Photochromic Interval:	<b>0,00</b>

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

**European Norm: ISO 12312-1 2013**

	Filter Category:	<b>2</b>	<b>Medium tint</b>	
				
<b>TV</b>	(mean 380 ÷ 780 nm)	<b>18,05%</b>		
<b>TSB</b>	(mean 380 ÷ 500 nm)	<b>10,29%</b>		
<b>TSIR</b>	(mean 780 ÷ 2000 nm)		(max TV)	
<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)	9,02% <b>PASS</b>
<b>TSUVB</b>	(mean 280 ÷ 315 nm)	<b>0,01%</b>	(max 0,05 TV)	0,9% <b>PASS</b>
<b>TVIS</b>	(peak min 475 ÷ 650 nm)	<b>10,43%</b>	(min 0,2 Tv)	3,61% <b>PASS</b>
	<b>Qgreen</b>	<b>0,98</b>	(min. = 0,60)	<b>PASS</b>
	<b>Qyellow</b>	<b>1,07</b>	(min. = 0,60)	<b>PASS</b>
	<b>Qred</b>	<b>1,26</b>	(min. = 0,80)	<b>PASS</b>
	<b>Qblue</b>	<b>0,87</b>	(min. = 0,60)	<b>PASS</b>

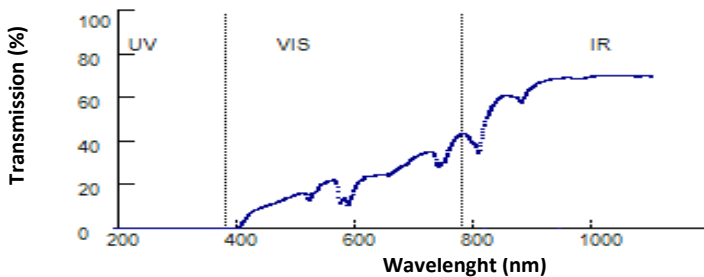
Suitable for driving and road use - Not suitable for driving at night or under condition of dull light

**American Norm: ANSI Z80.3-2010**

				Primary function and shade general purpose
<b>TV</b>	(mean 380 ÷ 780 nm)	<b>18,07%</b>	(8<=Tv<40)	<b>PASS</b> Medium to dark
<b>TSB</b>	(mean 380 ÷ 500 nm)	<b>10,29%</b>		
<b>TSUVB</b>	(mean 280 ÷ 315 nm)			<i>Color limits:</i>
	normal use	<b>0,01%</b>	(<=1/8Tv) 2,25%	<b>PASS</b> Chromaticity (D65)
	high and prolonged exposure	<b>0,01%</b>	(max 1%) 0,18%	<b>PASS</b> Yellow traffic signals <b>x=0,5899 y=0,4089</b> <b>PASS</b>
<b>TSUVA</b>	(mean 315 ÷ 380 nm)			<b>PASS</b> Green traffic signals <b>x=0,2259 y=0,4623</b> <b>PASS</b>
	normal use	<b>0,01%</b>	(max Tv) 18,07%	<b>PASS</b> <i>Traffic signal transmittance:</i>
	high and prolonged exposure	<b>0,01%</b>	(max 0.5 TV) 9,03%	<b>PASS</b> Red signal <b>24,91%</b> (>= 8%) <b>PASS</b>
<b>TSIR</b>	(mean 780 ÷ 1400 nm)		Not Calculated	<b>PASS</b> Yellow signal <b>19,50%</b> (>= 6%) <b>PASS</b>
<b>TVIS</b>	(peak min 475 ÷ 650 nm)	<b>10,43%</b>	(min 0,2 TV) 3,61%	<b>PASS</b> Green signal <b>17,29%</b> (>= 6%) <b>PASS</b>

**Australian Norm: AS/NZS 1067:2009**

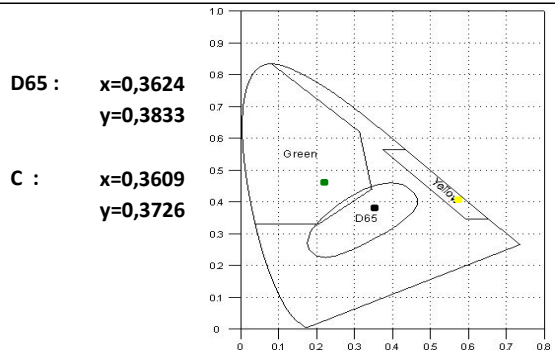
<b>TV</b>	(mean 380 ÷ 780 nm)	<b>18,05%</b>			Filter Category:	<b>2</b>
<b>TSB</b>	(mean 380 ÷ 500 nm)	<b>10,29%</b>				<b>Medium sunglare reduction</b>
<b>TSIR</b>	(mean 780 ÷ 2000 nm)		Not Calculated			<b>Not Suitable for driving at night</b>
<b>TSUV</b>	(mean 280 ÷ 400 nm)	<b>0,01%</b>				
<b>TSUVA</b>	(mean 315 ÷ 400 nm)	<b>0,01%</b>	(max Tv) 18,05%	<b>PASS</b>	<b>Qgreen</b>	<b>0,96</b> (min. = 0,60) <b>PASS</b>
<b>TSUVB</b>	(mean 280 ÷ 315 nm)	<b>0,01%</b>	(max Tv) 0,9%	<b>PASS</b>	<b>Qyellow</b>	<b>1,07</b> (min. = 0,80) <b>PASS</b>
<b>TSUVB1</b>	(peak max 315 ÷ 350 nm)	<b>0,01%</b>	(max 0,5 Tv) 9,02%	<b>PASS</b>	<b>Qred</b>	<b>1,25</b> (min. = 0,80) <b>PASS</b>
<b>TVIS</b>	(peak min 450 ÷ 650 nm)	<b>10,60%</b>	(min 0,2 TV) 3,61%	<b>PASS</b>	<b>Qblue</b>	<b>0,94</b> (min. = 0,70) <b>PASS</b>



**Spectral Data:**

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,01	300	0,01	390	0,04	490	14,77	590	13,72	690	30,91	800	38,90
210	0,01	310	0,01	400	0,38	500	15,82	600	19,88	700	32,89	850	61,24
220	0,01	320	0,01	410	3,54	510	16,13	610	22,45	710	34,16	900	65,63
230	0,01	330	0,01	420	6,95	520	13,16	620	24,15	720	35,21	950	69,22
240	0,01	340	0,01	430	8,45	530	16,70	630	24,35	730	35,03	1000	70,07
250	0,01	350	0,01	440	9,81	540	20,18	640	24,63	740	28,55	1050	70,38
260	0,01	360	0,01	450	10,60	550	21,50	650	24,69	750	31,20	1100	70,27
270	0,01	370	0,01	460	11,42	560	22,29	660	25,66	760	38,16	1150	0,00
280	0,01	380	0,01	470	12,58	570	14,47	670	27,34	770	42,11	1200	0,00
290	0,01			480	13,74	580	14,34	680	28,92	780	43,85		

Data subject to change without notice



*De Luca Alfonso*  
Responsible Alfonso De Luca