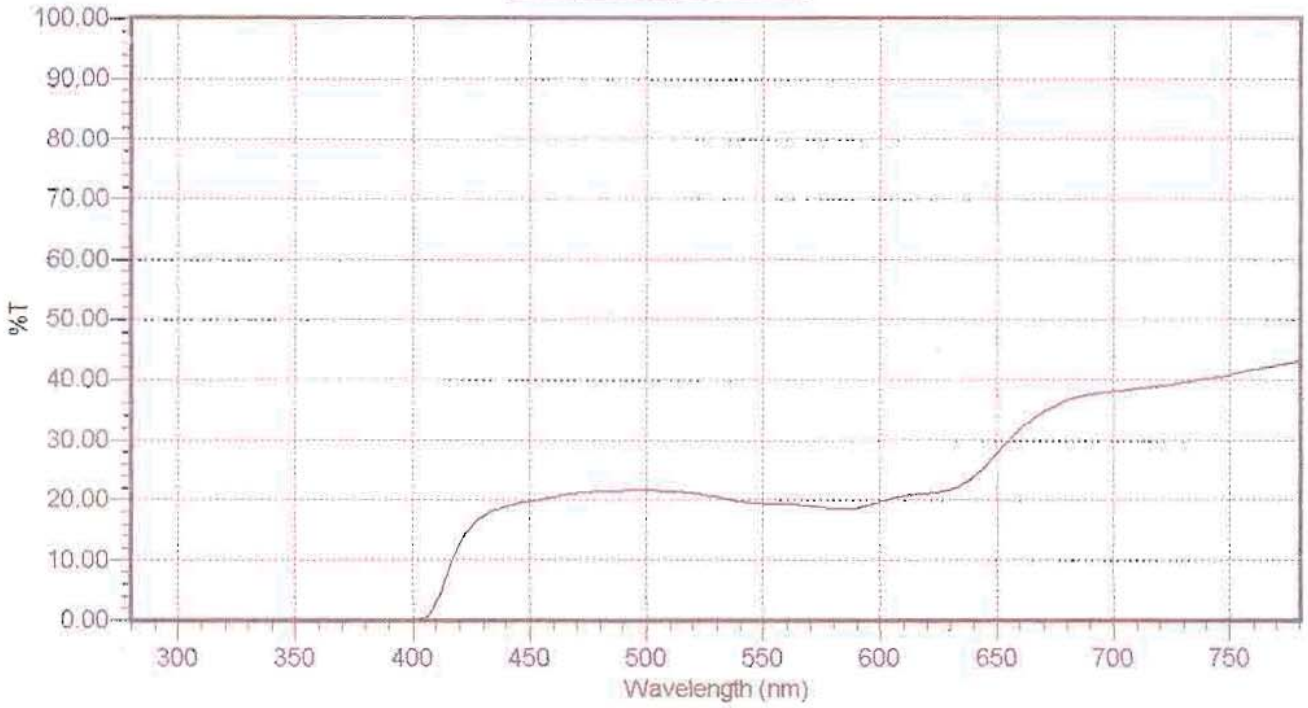
RIVERA Sonnenbrillen-Set
Art. 306.149

Glas: smoke-grau mit leichter Verspiegelung

Standard: EN 1836, 2005

Item	Value	Requirement	Result
Filter Category	2		
Luminous Transmittance Tv	20.11%	43% - 18%	PASS
Q, Red	1.10	>= 0.80	PASS
Q, Yellow	1.00	>= 0.80	PASS
Q, Green	0.99	>= 0.60	PASS
Q, Blue	1.08	>= 0.40	PASS
Tmax UVB (280 - 315nm)	0.00%	<= 2.01% (0.1Tv)	PASS
Tmax UVA (315 - 350nm)	0.00%	<= 20.11% (Tv)	PASS
Tmin (500 - 650nm)	18.35%	>= 4.02% (0.2Tv)	PASS
Tsuva (315 - 380nm)	0.00%	<= 20.11% (Tv)	PASS
Tsuvb (280 - 315nm)	0.00%		
Tsuv (280 - 380nm)	0.00%		
Tsb (380 - 500nm)	18.00%		

Transmittance Spectrum



Spectrum Data:

nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T
280	0.000	290	0.000	300	0.000	310	0.000	320	0.000	330	0.000	340	0.000	350	0.000
360	0.000	370	0.000	380	0.000	390	0.000	400	0.000	410	2.897	420	12.513	430	17.222
440	18.823	450	19.646	460	20.483	470	21.044	480	21.277	490	21.408	500	21.462	510	21.345
520	21.043	530	20.434	540	19.665	550	19.253	560	19.190	570	18.900	580	18.430	590	18.574
600	19.654	610	20.599	620	21.033	630	21.649	640	23.852	650	27.781	660	31.790	670	34.718
680	36.522	690	37.516	700	38.003	710	38.446	720	38.924	730	39.462	740	40.094	750	40.779
760	41.599	770	42.305	780	42.945										

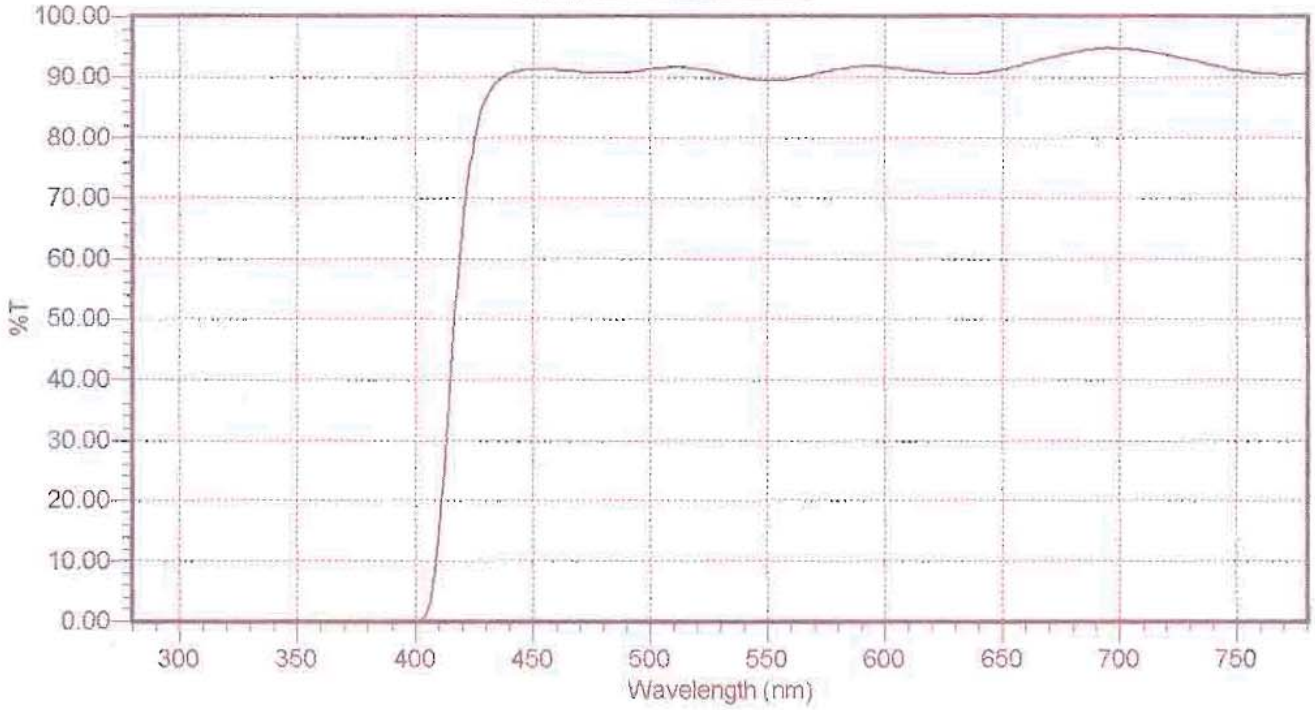
RIVERA Sonnenbrillen-Set
Art. 306.149

Glas: Klarglas

Standard: EN 1836, 2005

Item	Value	Requirement	Result
Filter Category	0		
Luminous Transmittance Tv	90.69%	100% - 80%	PASS
Q, Red	1.00	>= 0.80	PASS
Q, Yellow	1.00	>= 0.80	PASS
Q, Green	0.99	>= 0.60	PASS
Q, Blue	1.00	>= 0.40	PASS
Tmax UVB (280 - 315nm)	0.00%	<= 9.07% (0.1Tv)	PASS
Tmax UVA (315 - 350nm)	0.00%	<= 90.69% (Tv)	PASS
Tmin (500 - 650nm)	89.40%	>= 18.14% (0.2Tv)	PASS
Tsuva (315 - 380nm)	0.00%	<= 90.69% (Tv)	PASS
Tsuvb (280 - 315nm)	0.00%		
Tsuv (280 - 380nm)	0.00%		
Tsb (380 - 500nm)	83.10%		

Transmittance Spectrum



Spectrum Data:

nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T
280	0.000	290	0.000	300	0.000	310	0.000	320	0.000	330	0.000	340	0.000	350	0.000
360	0.000	370	0.000	380	0.000	390	0.000	400	0.041	410	14.565	420	65.204	430	86.373
440	90.648	450	91.311	460	91.194	470	90.849	480	90.670	490	90.806	500	91.344	510	91.597
520	91.340	530	90.619	540	89.823	550	89.421	560	89.740	570	90.502	580	91.324	590	91.739
600	91.622	610	91.205	620	90.785	630	90.506	640	90.660	650	91.240	660	92.192	670	93.206
680	94.106	690	94.681	700	94.713	710	94.384	720	93.734	730	92.800	740	91.909	750	91.114
760	90.587	770	90.425	780	90.652										

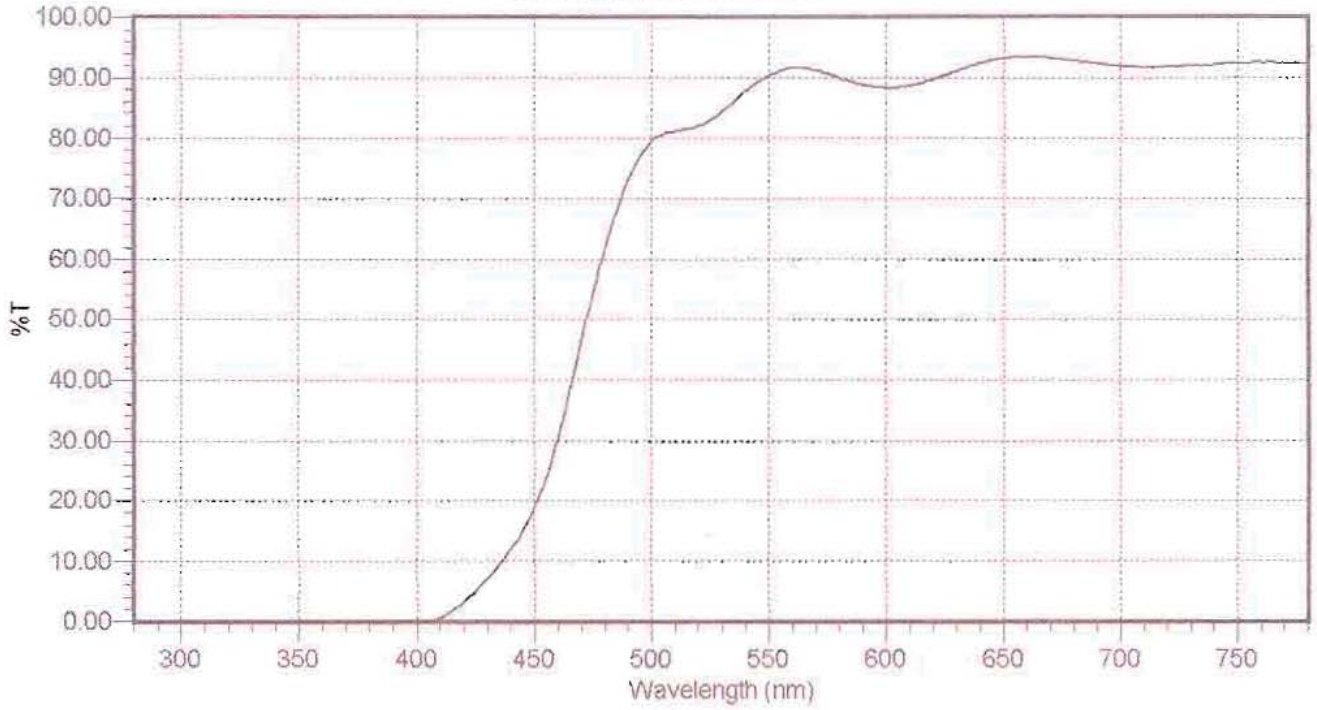
RIVERA Sonnenbrillen-Set Art. 306.149

Glas: gelb

Standard: EN 1836, 2005

Item	Value	Requirement	Result
Filter Category	0		
Luminous Transmittance Tv	85.90%	100% - 80%	PASS
Q, Red	1.04	>= 0.80	PASS
Q, Yellow	1.04	>= 0.80	PASS
Q, Green	0.98	>= 0.60	PASS
Q, Blue	0.90	>= 0.40	PASS
Tmax UVB (280 - 315nm)	0.00%	<= 8.59% (0.1Tv)	PASS
Tmax UVA (315 - 350nm)	0.00%	<= 85.90% (Tv)	PASS
Tmin (500 - 650nm)	79.43%	>= 17.18% (0.2Tv)	PASS
Tsuva (315 - 380nm)	0.00%	<= 85.90% (Tv)	PASS
Tsuvb (280 - 315nm)	0.00%		
Tsuv (280 - 380nm)	0.00%		
Tsb (380 - 500nm)	25.76%		

Transmittance Spectrum



Spectrum Data:

nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T
280	0.000	290	0.000	300	0.000	310	0.000	320	0.000	330	0.000	340	0.000	350	0.000
360	0.000	370	0.000	380	0.000	390	0.000	400	0.000	410	0.657	420	3.322	430	7.046
440	11.873	450	18.767	460	30.432	470	46.538	480	61.728	490	73.092	500	79.432	510	81.188
520	82.019	530	84.422	540	87.799	550	90.457	560	91.631	570	91.245	580	90.013	590	88.785
600	88.295	610	88.655	620	89.779	630	91.100	640	92.402	650	93.230	660	93.502	670	93.233
680	92.751	690	92.280	700	91.859	710	91.701	720	91.767	730	91.908	740	92.124	750	92.396
760	92.448	770	92.378	780	92.337										