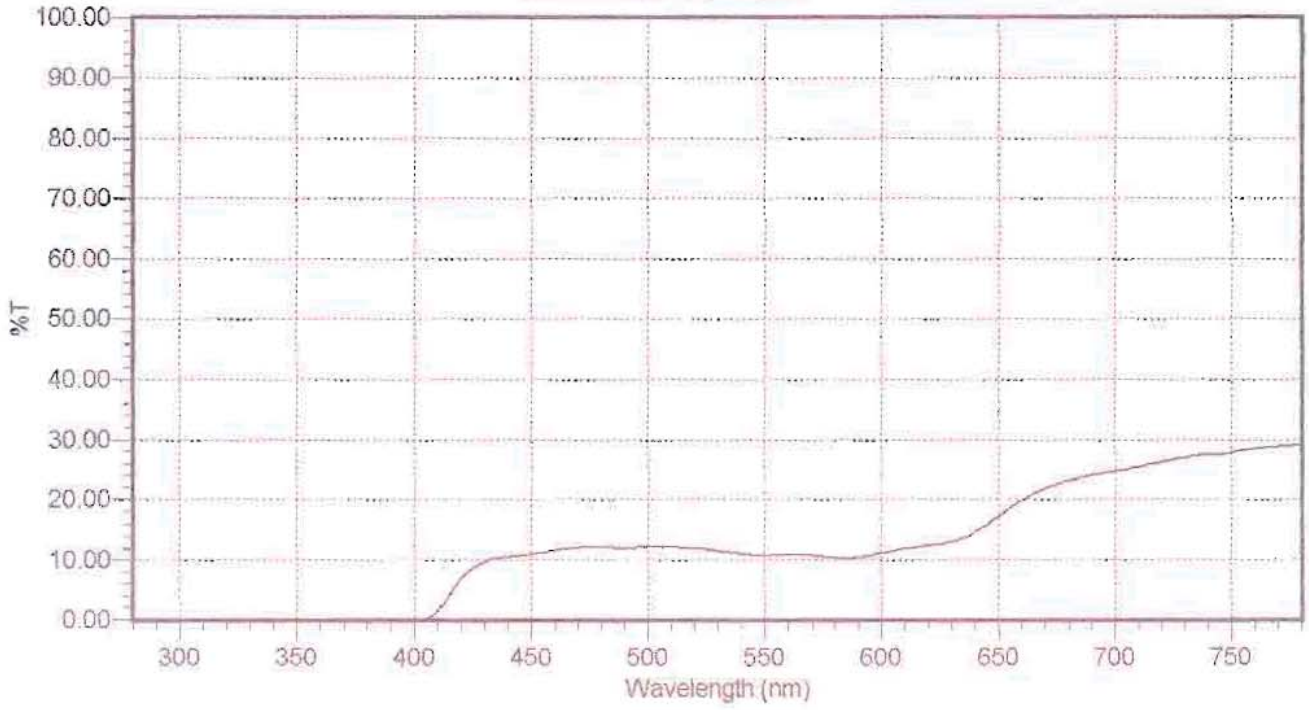
EPI Sonnenbrille
Art. 306.287

Glas: Smoke-Grau mit leichter Verspiegelung

Standard: EN 1836, 2005

Item	Value	Requirement	Result
Filter Category	3		
Luminous Transmittance Tv	11.38%	18% - 8%	PASS
Q, Red	1.15	>= 0.80	PASS
Q, Yellow	1.02	>= 0.80	PASS
Q, Green	0.99	>= 0.60	PASS
Q, Blue	1.09	>= 0.40	PASS
Tmax UVB (280 - 315nm)	0.00%	<= 1.14% (0.1Tv)	PASS
Tmax UVA (315 - 350nm)	0.00%	<= 5.69% (0.5Tv)	PASS
Tmin (500 - 650nm)	10.22%	>= 2.28% (0.2Tv)	PASS
Tsuva (315 - 380nm)	0.00%	<= 5.69% (0.5Tv)	PASS
Tsuvb (280 - 315nm)	0.00%		
Tsuv (280 - 380nm)	0.00%		
Tsb (380 - 500nm)	10.09%		

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	1.562	420	6.883	430	9.674
440	10.416	450	10.887	460	11.576	470	12.046	480	12.095	490	12.031	500	12.095	510	12.105
520	11.892	530	11.430	540	10.931	550	10.715	560	10.758	570	10.619	580	10.301	590	10.348
600	11.094	610	11.810	620	12.327	630	12.966	640	14.596	650	17.259	660	19.879	670	21.809
680	23.070	690	24.048	700	24.654	710	25.430	720	26.228	730	26.973	740	27.478	750	27.777
760	28.418	770	28.784	780	29.043										

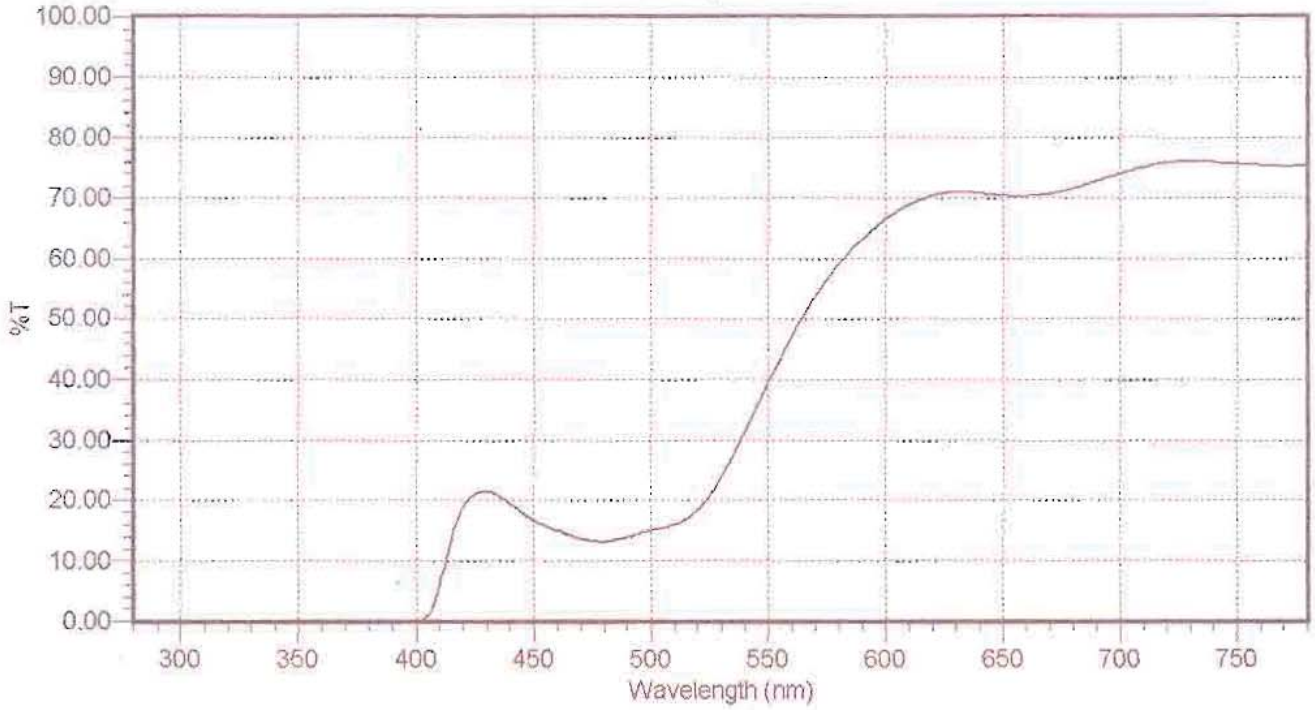
EPI Sonnenbrille
Art. 306.288

Glas: Orange

Standard: EN 1836, 2005

Item	Value	Requirement	Result
Filter Category	2		
Luminous Transmittance Tv	42.66%	43% - 18%	PASS
Q, Red	1.61	>= 0.80	PASS
Q, Yellow	1.38	>= 0.80	PASS
Q, Green	0.74	>= 0.60	PASS
Q, Blue	0.64	>= 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)	15.00%	>= 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)	16.17%		

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	0.031	410	6.008	420	18.803	430	21.401
440	19.398	450	16.621	460	14.892	470	13.605	480	13.140	490	13.902	500	15.003	510	16.010
520	18.518	530	23.864	540	31.464	550	39.485	560	47.070	570	53.750	580	59.158	590	63.273
600	66.576	610	68.978	620	70.444	630	70.939	640	70.744	650	70.396	660	70.318	670	70.699
680	71.619	690	72.856	700	74.033	710	75.055	720	75.786	730	76.003	740	75.906	750	75.549
760	75.355	770	75.160	780	75.322										

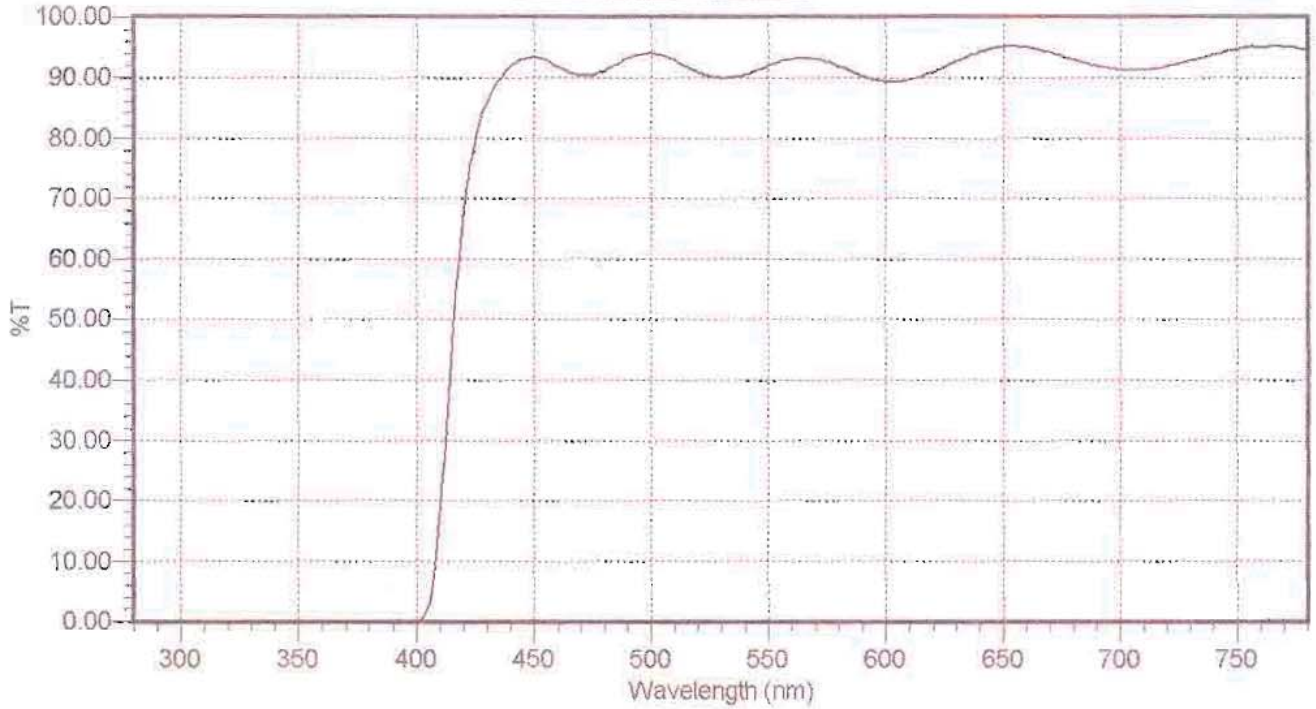
EPI Sonnenbrille
Art. 306.289

Glas: Klarglas

Standard: EN 1836, 2005

Item	Value	Requirement	Result
Filter Category	0		
Luminous Transmittance Tv	91.58%	100% - 80%	PASS
Q, Red	0.99	>= 0.80	PASS
Q, Yellow	1.00	>= 0.80	PASS
Q, Green	1.00	>= 0.60	PASS
Q, Blue	1.00	>= 0.40	PASS
Tmax UVB (280 - 315nm)	0.00%	<= 9.16% (0.1Tv)	PASS
Tmax UVA (315 - 350nm)	0.00%	<= 91.58% (Tv)	PASS
Tmin (500 - 650nm)	89.33%	>= 18.32% (0.2Tv)	PASS
Tsuva (315 - 380nm)	0.00%	<= 91.58% (Tv)	PASS
Tsuvb (280 - 315nm)	0.00%		
Tsuv (280 - 380nm)	0.00%		
Tsb (380 - 500nm)	84.18%		

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	0.087	410	18.155	420	67.200	430	85.905
440	91.850	450	93.389	460	91.820	470	90.362	480	91.184	490	93.203	500	94.066	510	92.813
520	90.859	530	89.925	540	90.492	550	91.963	560	93.142	570	93.082	580	91.871	590	90.276
600	89.380	610	89.651	620	90.960	630	92.688	640	94.257	650	95.113	660	95.027	670	94.188
680	92.947	690	91.927	700	91.329	710	91.278	720	91.861	730	92.781	740	93.825	750	94.716
760	95.029	770	95.135	780	94.688										