



OPTICAL TRANSMITTANCE PROPERTIES

TECHNICAL DATA SHEET

In pursuance of EU Directive 89/686/EE

Section 2

COLOUR CODE : Pa NZ310 Ar Bluez Mir 75.6.2,0

EN 1836:2005/A1:2007

European Standard
section 4.1 and 6.2

Filter Type

- Solid Tint Polarizing
 Gradient Tint Photochromic

Transmittance Claims

- Solar Infra-red Transmittance Solar UVA Transmittance
 Solar Blue-light Transmittance Solar UVB Transmittance
 Solar UV Transmittance

General Transmittance Requirements

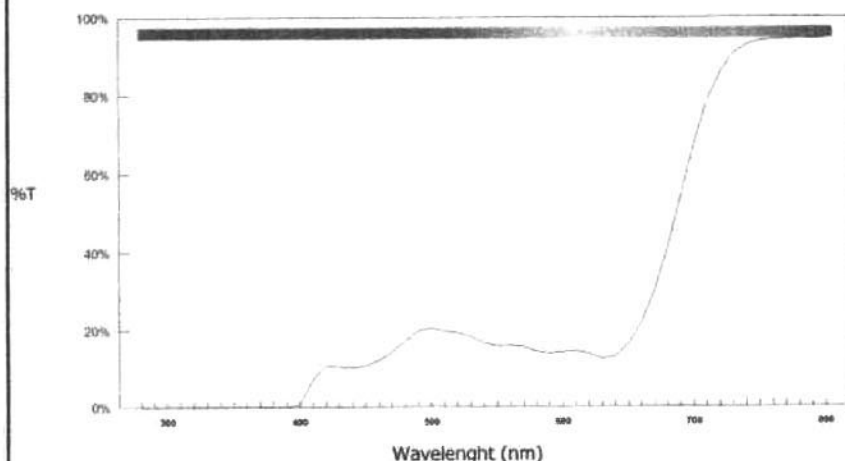
Filter Category	<input type="text" value="3"/>	- Dark tint	
Photochromic Ratio >= 1.25	<input type="text" value="N.R."/>		
Polarizing Ratio > 4:1	<input type="text" value="N.R."/>		
Degree of Polarization	<input type="text" value="N.R."/>		
Polarizing Ratio > 8:1	<input type="text" value="N.R."/>		
Luminous Transmittance - D65 (380-780nm)	<input type="text" value="CENTER 16,5%"/>	<input type="text" value="TOP"/>	<input type="text" value="BOTTOM"/>
Max Solar UVA Trans (315-380nm)	<input type="text" value="PASS"/>	<input type="text"/>	<input type="text"/>
Max Spectral Trans (315-350nm)	<input type="text" value="PASS"/>	<input type="text"/>	<input type="text"/>
Max Spectral Trans (280-315nm)	<input type="text" value="PASS"/>	<input type="text"/>	<input type="text"/>

Requirements for road use and driving

<small>section 4.1.3.2</small> Spectral Transmittance (500-650nm)	<input type="text" value="CENTER PASS"/>	<input type="text" value="TOP"/>	<input type="text" value="BOTTOM"/>
Q Red	<input type="text" value="PASS"/>	<input type="text"/>	<input type="text"/>
Q Yellow	<input type="text" value="PASS"/>	<input type="text"/>	<input type="text"/>
Q Green	<input type="text" value="PASS"/>	<input type="text"/>	<input type="text"/>
Q Blue	<input type="text" value="PASS"/>	<input type="text"/>	<input type="text"/>

Claimed Transmittance Properties

<small>section 6.2.1.2</small> Infrared Transmittance	<input type="text" value="N.R."/>			
Blue Light Transmittance (380-500nm)	<input type="text" value="N.R."/>			
UV Transmittance (280-380nm)	<input type="text" value="< 0,01 %"/>			
UVA Transmittance (315-380nm)	<input type="text" value="< 0,01 %"/>			
UVB Transmittance (280-315nm)	<input type="text" value="< 0,01 %"/>			



TRANSMISSION VALUES (CENTER)

280	0,0	290	0,0	300	0,0
310	0,0	320	0,0	330	0,0
340	0,0	350	0,0	360	0,0
370	0,0	380	0,0	390	0,0
400	0,9	410	7,6	420	11,0
430	10,8	440	10,5	450	11,0
460	12,4	470	14,5	480	17,3
490	20,0	500	20,7	510	20,0
520	19,5	530	18,4	540	16,8
550	16,0	560	16,1	570	15,8
580	14,6	590	14,1	600	14,5
610	14,7	620	13,9	630	12,8
640	13,3	650	16,5	660	21,9
670	30,2	680	41,4	690	54,8
700	67,9	710	78,6	720	86,1
730	90,7	740	92,9	750	93,9
760	94,2	770	94,4	780	94,5