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Glass designation : **7056 GLASS** Code **7056**

Color : **White**
Glass type : **Hard Crown**
Application : **Optical and electronic applications**

PHYSICAL PROPERTIES

Density :		**2.29**	**g/cm3**
Linear Exp. Coef. :		**See fig 1**	**/ °C**
Viscosity :	**Soft. Pt**	**718**	**°C**
	Ann. Pt	**See fig 1**	**°C**
	Strain Pt	**472**	**°C**

REFRACTIVE INDEX

Line		λ (nm)	Value
F'	**Cadmium**	**480.0**	**1.49300**
F	**Hydrogen**	**486.1**	**1.49200**
e	**Mercury**	**546.1**	**1.48900**
d	**Helium**	**587.6**	**1.48640**
C'	**Cadmium**	**643.8**	**1.48550**
C	**Hydrogen**	**656.3**	**1.48500**
Abbe Number		**νe**	**65.4**
		νd	**65.5**

TRANSMISSION PROPERTIES

VISIBLE **380 - 780 nm**

Luminous transmission factor **91%**
10 mm thickness

Colour - Minimum R Value (T400/T650) : 0.90
Sample 5.5mm thickness

Light absorption or Beta value : Max 1.5%/cm

Beta value = $((1 - r)^2 - T) / ((1 - r)^2 * t)$

r : $((nd - 1) / (nd + 1))^2$
t : length of sample in cm

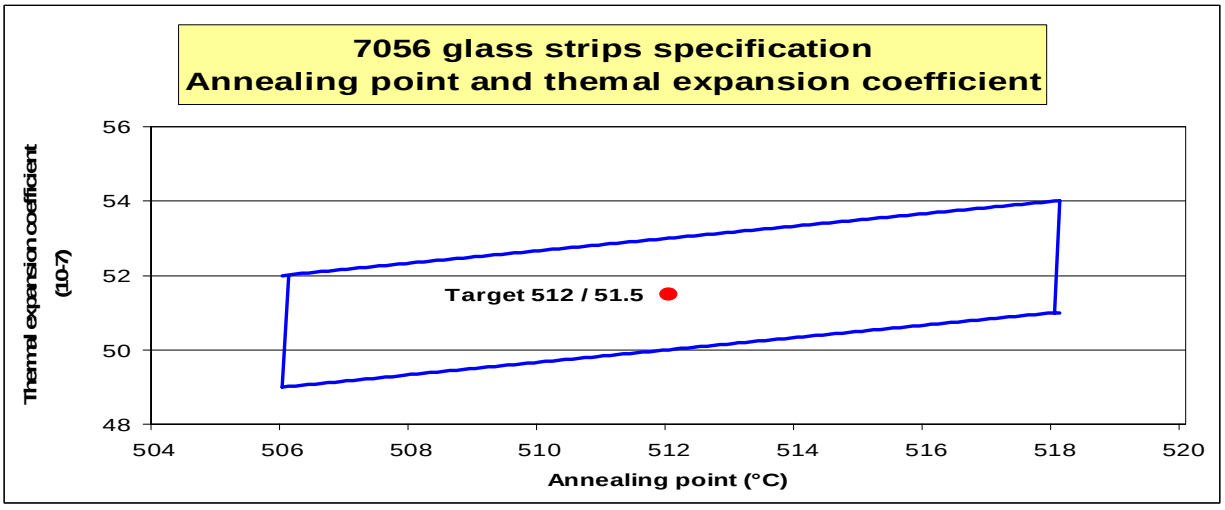
T : average transmission at 450, 507.7, 529.8, 543.7, 550, 555.4, 566.3, 576.9, 587.9, 600.1, 615.2, 639.7, 650nm

COATING & TEMPERING

(See also notes below)

Vacuum coating	**YES**
Chemical tempering	**N/A**
Air tempering	**N/A**

CHEMICAL DURABILITY (class)	**To water**	**NF ISO 719**	**N/A**
	To acid	**DIN 12-116**	**N/A**
	To alkalis	**ISO 695**	**N/A**



Non-toleranced numerical values are typical values