

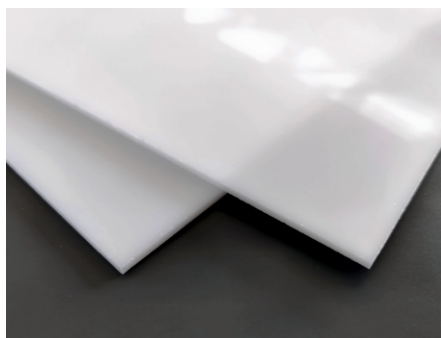
Technická data

KÓD:**PRODUKT:**

ALTUGLAS

POZNÁMKA:

TECHNICAL DATA

OBRÁZEK:**REVIZE:**

5/2026

The ALTUGLAS™ CN Clearwhite product group has the full range of different transparencies within itself; from completely clear, via opal, up to full opaque white. Numerous white shades and light transmissions are available. It is a transparent/translucent/opaque product commonly named « Acrylic Glass ». Weighing half the weight of the glass, it can be easily thermoformed, bended, cut, drilled and glued. There's no limit to your imagination.

MAIN APPLICATIONS

- Furniture
- Shop fitting
- POP/POS, display
- Signage
- Glazing
- Skydome
- Machine cover

STORAGE

- The following rules have to be applied:
- Store the product in a dry place, indoors
 - Place a polyethylene cover over the stack when a sheet is removed, to reduce moisture absorption
 - Only use original delivery pallets
 - Stack pallets of the same size and design to prevent waving
 - Place pallets on even surfaces (floor or shelf)
 - The durability of the protective film is limited (sensitive to UV, temperature, humidity and chemicals)

PACKAGING

- Our standard film offers a strong adhesion thanks to an additional adhesive layer. On demand a dedicated thermoformable film can be proposed
- Our product is stored on wood pallets with a PP sheet at the bottom and a cardboard at the top
- The total weight of the pallet + sheets is less than one ton

CERTIFICATES

- Our sheets rely to the norm ISO 7823-1 : 2003 regarding types, dimensions and characteristics
- Our management system fulfils the requirements of the ISO 9001 : 2015

	Measurement method	Unit	Value
General characteristics			
Density	ISO 1183	g/cm ³	1,19
Water absorption (24h)	ISO 62	%	0,3
Water absorption (8 days)	ISO 62	%	0,5
Thickness tolerance			± (0,4mm + 0,1 x thickness)
Mechanical properties			
Modulus of elasticity (23 °C)	ISO 527-2	MPa	3300
Tensile strength (23 °C)	ISO 527	MPa	76
Charpy impact strength (un-notched)	ISO179/2D	Kj/m ²	12
Surface hardness (Rockwell scale M)	ISO 2039	-	100
Thermal properties			
Vicat softening point (B50)	ISO 306	°C	115
Coefficient of linear expansion	ISO 11359	mm/m/°C	0,065
Maximum continuous service temperature	-	°C	85
Maximum heating temperature	-	°C	200
Linear shrinkage after heating	-	%	<2
Forming temperature	-	°C	165-190
Optical properties			
Light transmittance (LT) at 3mm	ISO 13468	%	-
ALTUGLAS™ 00.27100 (LED system)	Opal	%	50
Flammability			
Self-ignition temperature	-	°C	~450
Melt behaviour when burning	-	-	Non drip
Glow wire resistance	EN 60695-2-11	°C	750
Euroclass classification	EN 13501	-	E
UL	UL 94	-	HB