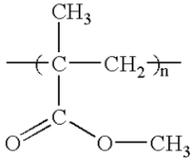


# ALTUGLAS® CN OPAL & WHITE

The Altuglas® CN Opal & White are diffusing or opaque product. Numerous white shade and light transmissions are available. It can be easily thermoformed, bended, cut, drilled and glued. There's no limit to your imagination.

## MAIN PROPERTIES

PMMA (Polymethylmethacrylate)	
Light	
Diffusing or Opaque	
UV resistant - No change of color	
Thermoformable	
Easy machining	



## MAIN APPLICATIONS

- Furniture
- Cosmetic
- Shop fitting
- Signage
- Skydome

## 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.

## STORAGE

The following rules has 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).

## 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: 2008

# ALTUGLAS® CN OPAL & WHITE

## TECHNICAL SPECIFICATIONS

	Measurement Method	Unit	Value
<b>General Characteristics</b>			
Density	ISO 1183	g/cm <sup>3</sup>	1.19
Water absorption (24h)	ISO 62	%	0.3
Water absorption (8 days)	ISO 62	%	0.5
Thickness tolerance		± (0,4 mm + 0,1 x thickness)	
<b>Mechanical properties</b>			
Modulus of elasticity (23°C)	ISO 527-2	MPa	3300
Tensile strength (23°C)	ISO 527	MPa	76
Charpy impact strength (un-notched)	ISO 179/2D	KJ/m <sup>2</sup>	12
Surface hardness (Rockwell scale M)	IS 2039	-	100
<b>Thermal properties</b>			
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
<b>Optical properties</b>			
Light transmittance		Depending on reference	
<b>Flammability</b>			
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

Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on <http://www.arkema.com/en/products/product-safety/disclaimer/index.html>

See MSDS for Health & Safety Considerations

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