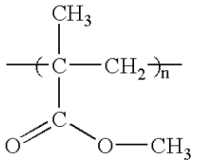
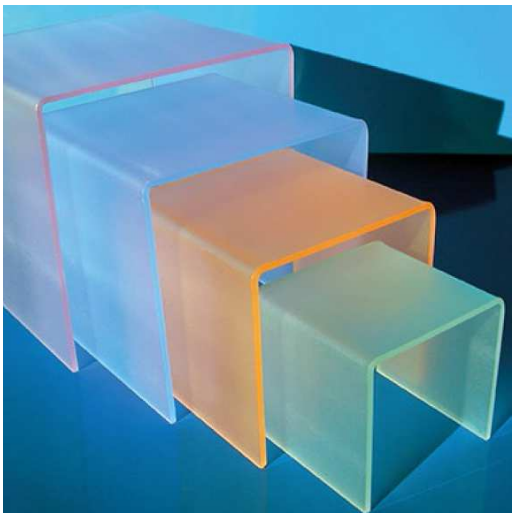
ALTUGLAS® DUAL SATIN

The Altuglas® Dual Satin is cast acrylic sheet with 2 matts surfaces, available in various colours. Half the weight of the glass, it can be easily thermoformed, bended, cut, drilled and glued.
There's no limit to your imagination.

MAIN PROPERTIES

PMMA (Polymethylmethacrylate) 
Light
UV resistant
Thermoformable
Easy machining



MAIN APPLICATIONS

- Furniture
- Shop fitting
- Interior design
- Windows display

PACKAGING

- Dedicated masking film on satin surfaces. This film must be removed in case of thermoforming.
- Our product is store 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® BY ARKEMA

ALTUGLAS® DUAL SATIN

TECHNICAL SPECIFICATIONS

		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		± (0,4 mm + 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)	ISO 179/2D	KJ/m^2	12
	Surface hardness (Rockwell scale M)	IS 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
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

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