

Altuglas® Food Contact

Ref. 156

Inject some colour into your displays and choose Altuglas® acrylic sheets, suitable for contact with food.

This PMMA (polymethylmethacrylate) material has been specially designed and developed to meet **European Regulation (EU) No. 10/2011** and all the major national regulations in Europe.

Strengthen your final product

Material certified for food contact!

Opting for Altuglas® Food Contact is a guarantee for you and your customers. You can obtain a registered certificate for food contact on request!

Free from Bisphenol A, this is a sustainable alternative to other plastics and it meets your needs.

These acrylic sheets are available in clear or in a range of colours, and in the following finishes: gloss, mono and Dual Satin.

Performance

Product Advantages

A guaranteed polymer:

- for contact with aqueous solutions, alcohol (up to 15%), oily or fatty foods.
- conforms with the major national regulations in Europe.
- by rigorous traceability monitoring.
- free from Bisphenol A.

The Altuglas® Food Contact acrylic sheets are perfect for the safe creation of food trays, accessories to be used with food, or for food storage, even trolleys.

The manufacturer of the final product for food contact must verify the conformity of its product to the legislation in place in its country or the country of sale.

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2011:012:0001:0089:FR:PDF>



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Technical Specifications

	Measurement method	Unit	Value
General characteristics			
Density	ISO 1183	g/cm ³	1,19
Water absorption after 24 hours	ISO 62	%	0,3
Water absorption after 8 days	ISO 62	%	0,5
Mechanical properties			
Elasticity module	ISO 527-2	MPa	3300
Elasticity modulus (flexion)	ISO 178	MPa	3250
Tensile strength (tension at 23°C)	ISO 527	kJ/m ²	76
Unnotched Charpy	ISO 179/2D	kJ/m ²	12
Rockwell M-scale Hardness	ISO 2039	-	100
Thermal properties			
Vicat (B50)	ISO 306	°C	115
Coefficient of expansion (linear)	ISO 11359	mm/m/°C	0,65
Maximum temperature during continuous use	-	°C	85
Thermoforming temperature	-	°C	165-190
Optical properties (clear)			
Refractive index	ISO 489	-	1.492
Light transmittance (3 mm)	ISO 13 468	%	92
Inflammability			
Temperature of auto-ignition	-	°C	Approx. 450
Euroclass	EN 13501	-	E
UL	UL 94	-	HB
Certificate			
Food contact	EU No. 10/2011	-	Yes

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