

POLYCASA® CAST Argenta

Polymethyl Methacrylate Acrylic

Polycasa

Message:

CAST Argenta is the brand name for cast polymethylmethacrylate sheets from Polycasa® , with special visual characteristics.

CAST Argenta sheets are as easy to handle as standard Polycasa CAST material. Fabricating and finishing techniques such as sawing, drilling, printing, milling, mechanical polishing, thermoforming, hot bending and laser cutting (on coloured surface) do not offer any problems to this special product.

CHARACTERISTICS

Unique sparkling look, creating an intriguing depth effect.

Two surfaces: a sparkling colour surface with a fascinating gloss and deepness effect, and a metallic silver surface with opaque appearance.

Material is almost opaque in flat application, but can be easily thermoformed to any shape, thus gaining light transmission to 30-50%.

Due to inner composition and production process, material has a certain particle orientation. This results in a colour which has different colour shades.

The colour intensity of the thermoformed piece reduces/ varies depending on the thermoformed shape.

APPLICATIONS

- Luxury POP displays.
- High-end shop interior design.
- Interior design (restaurants, casinos, museums, flag ship stores).
- Exhibitions.
- Furniture.
- Advertising.
- Lighting applications.
- Thermoformed pieces (caravan interiors, yacht furniture).

General Information			
Features	Acid Resistant		
	Alkali Resistant		
	High Gloss		
	Low to No Water Absorption		
	Oil Resistant		
	Salt Water/Spray Resistant		
Uses	Decorative Displays		
	Displays		
	Furniture		
	Lighting Applications		
	Thermoforming Applications		
Appearance	Colors Available		
	Glossy Finish		
	Opaque		
Forms	Sheet		
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	12	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	110	°C	ISO 306/A50

Maximum Service Temperature		
continuous use	80	°C
short term use	90	°C
Light Transmission		DIN 13468
--	< 5.0	%
After thermoforming	< 50	%
Temperature - Thermoforming	130 to 190	°C

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Recommended distributors for this material

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