



ACRYLIC SHEET



ABOUT PRODUCT

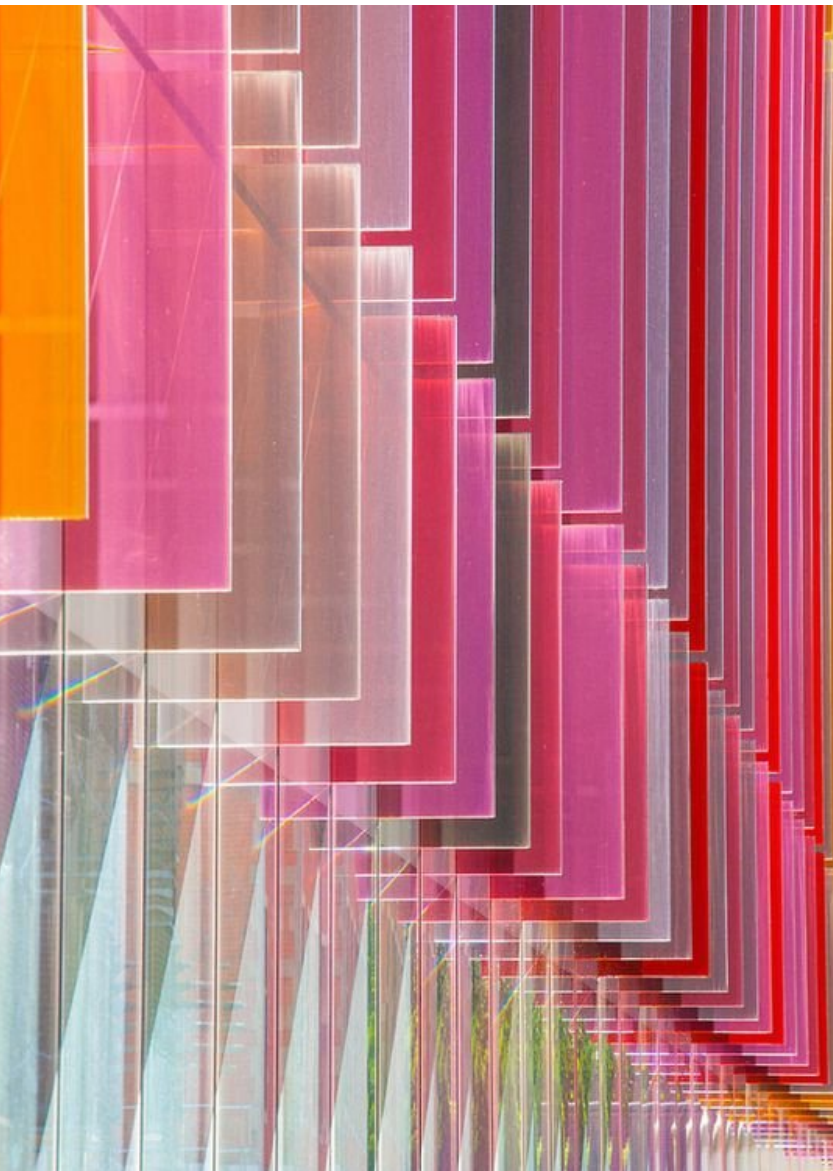
ACRYLIC (PMMA) is a strong, very transparent material with a unique gloss. It is versatile and popular in many industries around the world. It is widely used in industry, architecture, medicine, the production of advertising, exhibition, retail equipment and furniture. One of the most important characteristics of acrylic is its natural resistance to UV radiation, which allows it to maintain its optical properties and original appearance for a long time of operation.





TOP BENEFITS

- ✓ Excellent light transmission
- ✓ High resistance to UV
- ✓ Outstanding weather ability
- ✓ Dimensionally stable
- ✓ Resistant to scratches
- ✓ Eco-friendly
- ✓ Thermoplastic
- ✓ High degree of gloss



Acrylic has high transparency, reaching more than 90%, which is the main argument that it can be an excellent alternative to glass. It also has a number of important advantageous characteristics, such as: susceptibility to machining (including molding) allows to obtain products of any shape from it, very simple cutting, high mechanical strength, safety. In addition, the material is very light, which gives even more possibilities for its use. At the same time, it is a material that is highly resistant to ultraviolet light, which allows the product to keep its original appearance for many years.



APPLICATIONS

- ✓ Construction and architecture
- ✓ Furniture and interior items
- ✓ Trade and exhibition equipment
- ✓ Mechanical engineering
- ✓ Medicine
- ✓ Electronics
- ✓ Lighting industry
- ✓ Production of aquariums

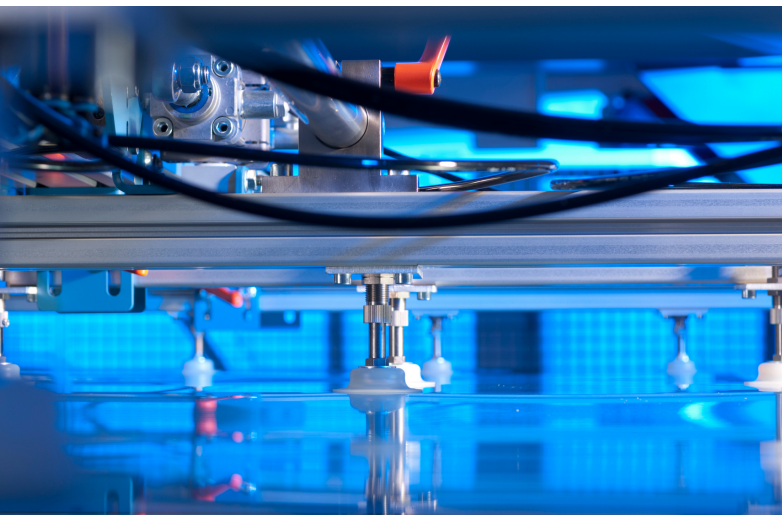
Due to the many advantages of acrylic, the scope of application of this material is constantly expanding. It is used for glazing store shelves, making advertising and demonstration stands, which are a functional, durable and universal tool for conducting various marketing campaigns. This material is very popular in interior and exterior design, various decorations, gadgets and accessories are practical uses of acrylic. Currently, it is increasingly used to create anti-virus shields in commercial and service rooms. Acrylic offers many applications in various industries and areas of our lives.





PRODUCTION

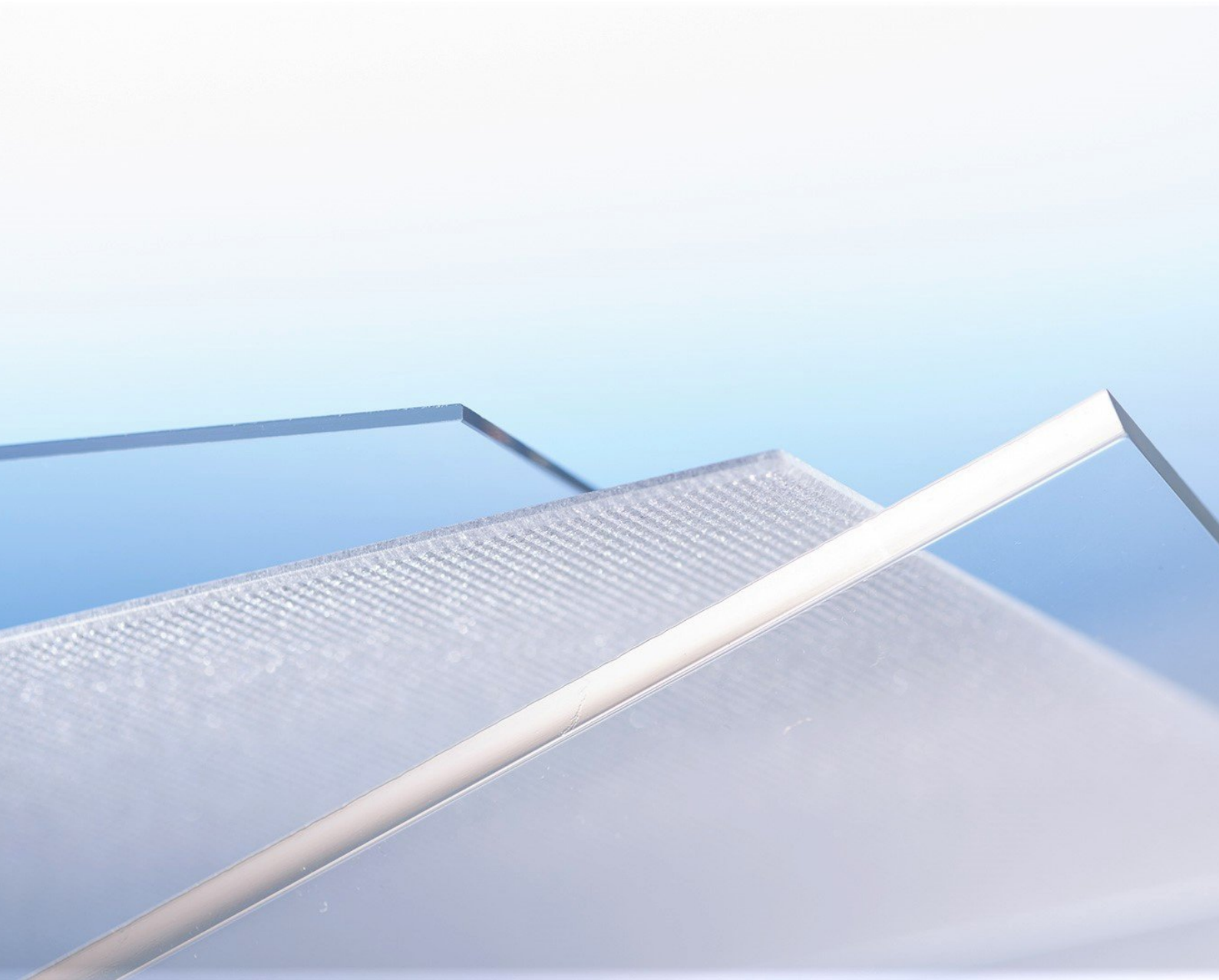
Ultraplast EU new extrusion equipment combined with modern and advanced European developments, allows to produce high-quality and widely used acrylic sheet.





PRODUCT RANGE

OPTION	DESCRIPTION
Thicknesses:	0.6 / 1 / 1.5 / 2 / 3 / 4 / 5 / 6 / 8 / 10 / 12 mm
Sizes (Standart):	1250 x 2050 / 2050 x 3050 mm
Color:	Transparent 1010



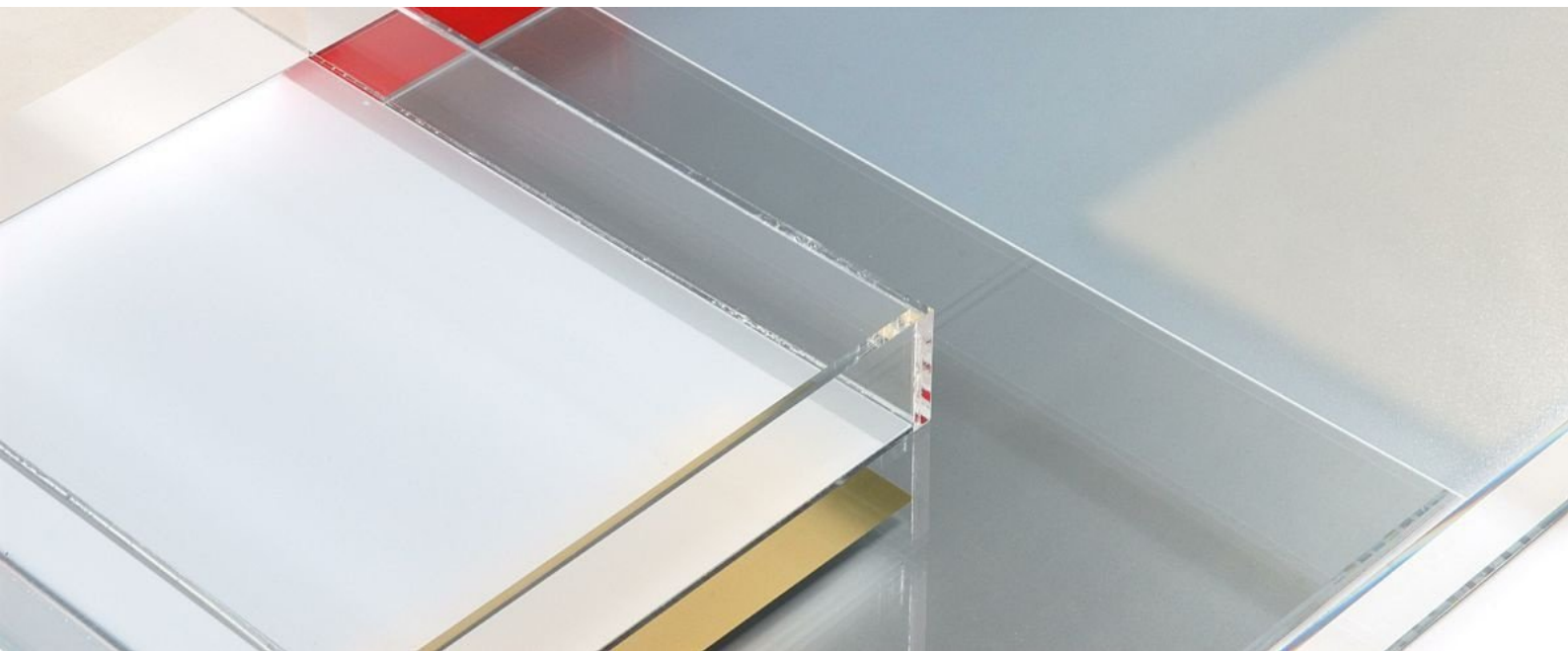


PROPERTIES

PROPERTIES		VALUE
Physical Properties		
	Density	1190 kg/m ³
	Water absorption (23°C) from dry state	0.2%
Mechanical Properties		
	Tensile strength, 23 °C	70 MPa
	Modulus of elasticity	3100 MPa
	Elongation at tear	4.5 %
	Charpy impact strength	15 kJ/m ²
Thermal		
	Coefficient of linear thermal expansion 0-50°C	7*10 ⁻⁵ K ⁻¹
	Heat conductivity (l)	0,18 W/mK
	Vicat softening point	105 °C
Optical characteristics		
	Transmittance	92 %
	Yellowing	< 0.5 %
	Refractive index	1,492
	Haze	< 1 %

COLD CURVING

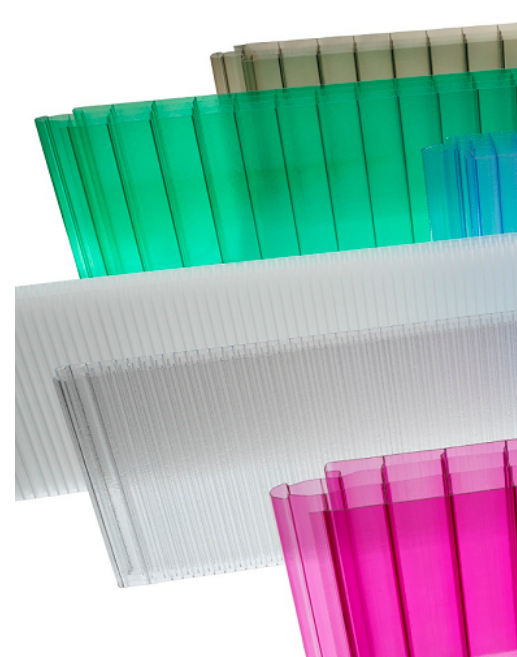
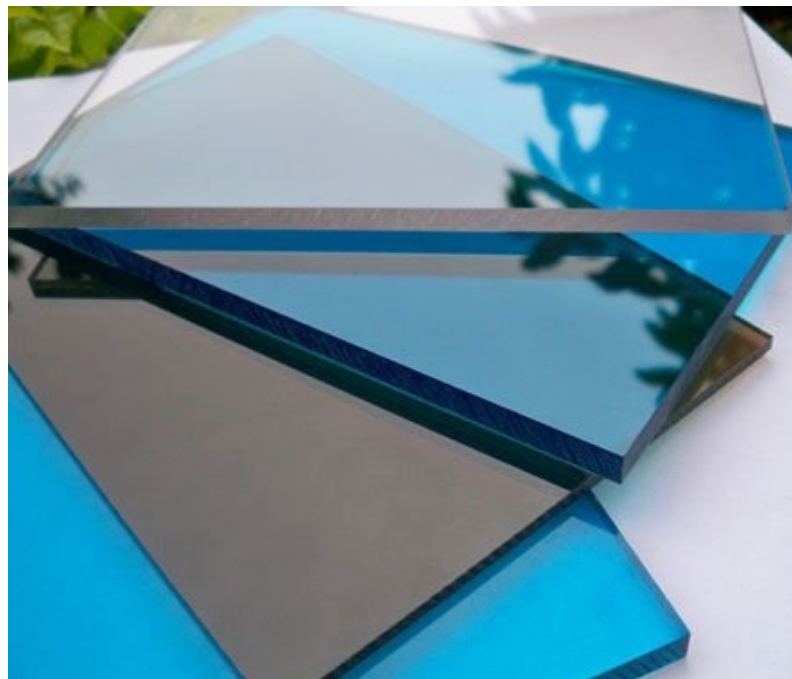
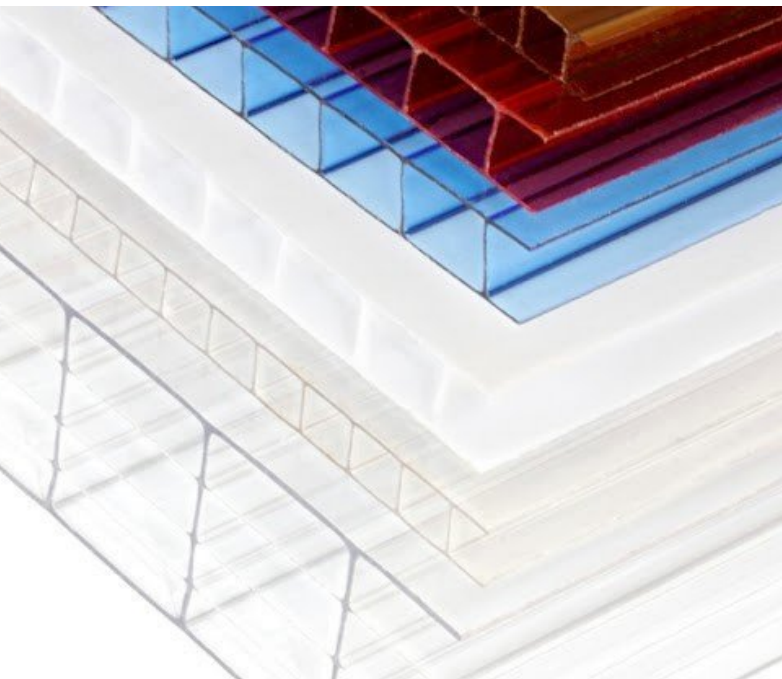
Thicknesses (mm):	2	3	4	5	6	8	10	12
Min Radius (mm):	660	990	1320	1650	1980	2640	3300	3960





OTHER PRODUCTS

Ultraplast EU also supplies multiwall and solid polycarbonate sheets, PETG, GPPS, modular systems, polycarbonate profiles and accessories that can be used in various fields applications





CONTACTS



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