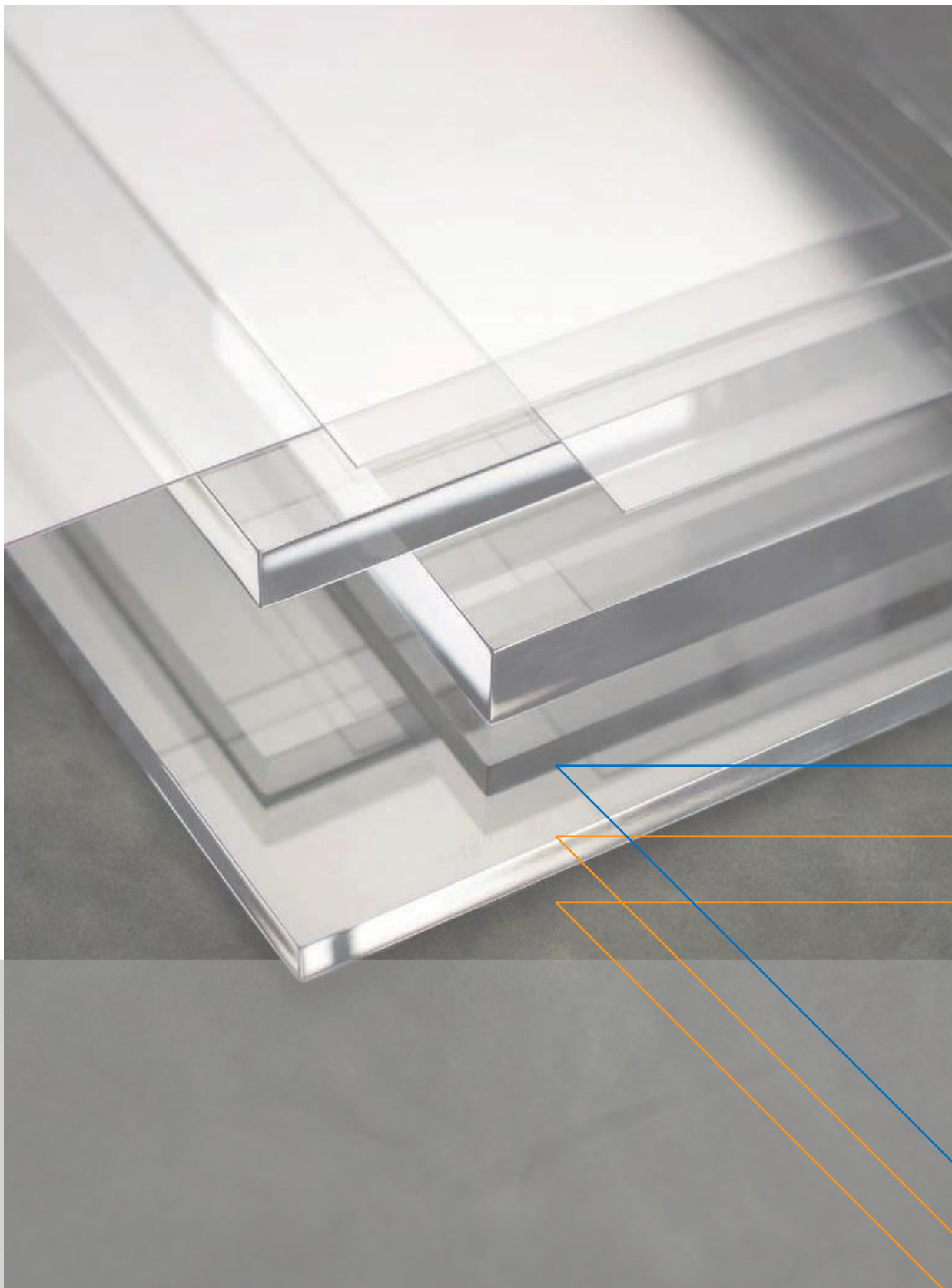


POLICRYL

Clear PMMA based solid sheets



POLIVEKTRIS
N O R D I C
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POLICRYL

ABOUT PRODUCT

POLICRYL is a top-quality extruded Polymethyl Methacrylate (PMMA) solid sheet with outstanding strength, stiffness, and optical clarity. The **POLICRYL** sheet exhibits excellent optical clarity and transparency with a visible light transmittance of 92%. (PMMA) Material has a unique inherent resistance to UV-radiation, which extends products service life.

POLICRYL is a premium product suitable for a broad range of applications, especially for those projects that require high transparency, impact strength and weatherability.

APPLICATION

- Signs, signboards, illuminated panels, 3D lettering, and exhibition booths
- Street furniture, safety fittings, acoustic screens
- Skylight, domes
- Interior and exterior lighting
- Machine guards, dials, precision parts
- Medical cribs, incubators
- Engraving, gift items, stationery racks
- Sales and point of purchases
- Interior design: shop-fitting, furniture, glazing

ADVANTAGES

- Excellent thermoforming capabilities (easy to shape and mold)
- Good electrical insulation, preventing electrical leakage damage
- Good mechanical performance and high impact resistance
- Good chemical resistance
- 92% light transmission (highest light transmission rate for thermoplastics)
- Sheets can be easily heat formed without loss of optical clarity
- Excellent weather resistance, may be used for indoor and outdoor
- Light weight (two times lighter than glass)
- Superior UV-resistance
- Nontoxic and environment friendly – 100% recyclable



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DELIVERY CONDITIONS

CHARACTERISTIC	UNIT	VALUE
Thickness	mm	From 1,5 up to 15
Width	mm	Up to 2050
Length	mm	3050 ¹
Color	–	Clear, any other color
Protective film	–	Transparent (both sides) ²

¹Other lengths available

²Other films or prints available

TECHNICAL SPECIFICATIONS

PROPERTIES	UNIT	VALUE
Density	g/cm ³	1,19
Vicat softening temperature	°C	105
Moisture absorption	%	0,3
Light transmission	%	Up to 92
Tensile strength stiffness	MPa	72
Flexural strength	MPa	106
Compressive Strength	MPa	117
Impact Resistance	Charpy unnotched	15
	Charpy notched	2
	Izod notched	1,5
Coefficient of linear expansion	mm/m/°C	0,0065