

PENTA

PLASTIK

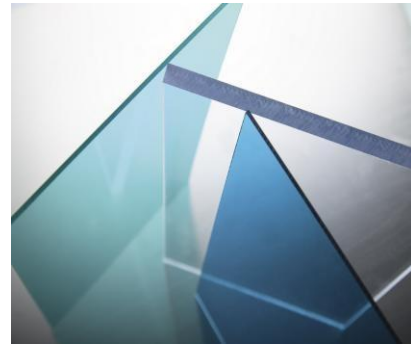
SOLID POLYCARBONATE SHEETS

As multiwall polycarbonate, its durable to impacts and lighter than glass due to its 1,2 kg mm/m² density.

With or without UV solid polycarbonate sheets provides a price advantage for indoor and outdoor applications. Cold and hot bendable solid polycarbonate sheets suitable for locations where security is primary importance, also has an excellent light transmission.

Specifications:

- Unbreakable
- Up to 92% light transmission
- Hot and cold bendable
- Due to UV protection, long lasting colour
- Flame proof
- -40, +115C operatin temprature
- Machinability, storage, handling and ease of installation
- Resistant to natural conditions



Rainbow Solid Polycarbonate sheets with UV:

The double sided UV protection provides long life and high resistance to natural conditions. This quality has 10 years of warranty.

Standard size: • 2050mmx3050mm +/-2

Available thicknesses: • 2-15 mm +/-2.5

Technical Specifications:

		Value	Norm
			ISO
Physical Specifications	Specific weight	1,2g/cm ³	R 1183
	Humidity absorption	0,15%	62-4
Thermal Specifications	Expansion factor	0,07mm/m°	
	Vicat softening point	148	306
Mechanical Specifications	Tensile strength	63 Mpa	527-2
	Elongation at break	6%	527-2
	Tensile modulus	2400 Mpa	527-2
	Impact resistance Charpy notched	ca. 11kJ/m ²	179/1fu
	Impact resistance Charpy	No break	179/1eA
	IZOD notched impact strengt	ca. 10kJ/m ²	180/1A
	IZOD notched impact strengt	ca. 70kJ/m ²	180/4A
	Deflection temprature under load	127 °C	75-2/A
Deflection temprature under load	139 °C	75-2/B	
Optical Specifications	Luminous transmittance	89%	13468
UV Specifications	Protection from ultraviolet rays	40 µm	