



# CHAIRMAT

CHAIRMAT are made of Polycarbonate for maximum strength.

Polycarbonate is an environmental friendly material that is 100% recyclable and are also free from smell and do not contain any PVC.

Polycarbonate does also have higher temperature resistance compared to PVC, which makes it suitable for floor heating and gives less risk for burn marks of cigarettes, ashes etc.

To avoid sliding, the chairmats either are equipped with an anti-slip bottom surface for floors or with spikes for carpets. To make a perfect fit, chairmats can be ordered in different colours and in different sizes.

## CHAIRMAT:

- Made of environmental friendly Polycarbonate
- Heat resistant
- Rigid and durable
- Available in different colours and in different sizes

## APPLICATION AREAS:

- Under office chair to avoid marks on the floor and to simplify chair movement.
- To protect the floor or a carpet from wetness and dirt.
- Under a barbeque to protect the floor from ash or glowing coal.
- To simplify the cleaning after small children having breakfast.
- Entrance areas.
- To prevent water from destroying the floor under a Christmas tree or a flower.

## DELIVERY PROGRAM:

Standard width: 1200 mm

Standard lengths: 900, 1000, 1200, 1340, 1500, 1830, 2000 mm

Standard thicknesses: 1,5 - 2,0 mm

Colours: Clear and standard colours

Embossing: 00/35, Spikes/40

Special sizes, thicknesses and colours on request.

## CHAIRMAT TYPICAL PROPERTY VALUES

Property	Value	Unit	Standard
<b>Physical properties</b>			
Density	1,2	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical properties</b>			
Tensile strength at yield (at break)	60 (70)	N/mm <sup>2</sup>	ISO 527
Elongation at yield (at break)	6 (110)	%	ISO 527
Elastic modulus	>2300	N/mm <sup>2</sup>	ISO 527
Flexural modulus	>2300	N/mm <sup>2</sup>	ISO 178
Charpy unnotched impact strength -40 °C	NB	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength -30 °C	11	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength +23 °C	65	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength -30 °C	10	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
Heat deflection temperature, HDT A (1,80 N/mm <sup>2</sup> )	132	°C	ISO 75
Vicat temperature VST/B 120	149	°C	ISO 306

Properties reported here are typical values for polycarbonate. Arla Plast makes no representation that the material in any particular shipment will conform exactly to the values given. The above information is based upon experience and given in good faith. Due to many factors which are outside our knowledge and control, no warranty is given or is to be implied with respect to such information. Detailed product specification and technical manual/information is available on request.