



## General information:

### Technical characteristics of plastics

Characteristics	Units	BC7 (normal)	PMMA (normal extrusion)	PMMA (High impact extrusion)	PC	PS (normal)	PS (High impact)	G-RP (Reinforced polyester)
Maximum temperature continuous use	°C	80	75	66	115	80	80	150
Transmission coefficient (clear sheet 3 mm)	%	89	92	90	85	89	-	-
Impact strenght charpy unnotched	KJ/m <sup>2</sup>	14	12	65	not broken	14	65	90

### Degree of protection IP

IP	Protection against ingress of : <b>SOLID OBJECTS</b>		Protection against ingress of : <b>WATER</b>	
		(symbol)		(symbol)
<b>IP 1 X</b>	> 50.0 mm		<b>IP X 1</b> Dripping	
<b>IP 2 X</b>	> 12.0 mm		<b>IP X 2</b> Dripping titled up to 15°	
<b>IP 3 X</b>	> 2.50 mm		<b>IP X 3</b> Spraying	
<b>IP 4 X</b>	> 1.00 mm		<b>IP X 4</b> Splashing	
<b>IP 5 X</b>	DUST		<b>IP X 5</b> Water jets	
<b>IP 6 X</b>	DUST TIGHT		<b>IP X 6</b> Heavy seas	
			<b>IP X 7</b> Immersion (1m)	
			<b>IP X 8</b> Submersion	

### Electrical wiring

Electrical wiring complies with European Norm En60598 (IEC598), wiring according to other standards on request.

All electrical components comply with European quality standards and have at least one approval and Kitemark (ENEC, CEBC, KEMA, VDE, N, S, D, F, BS, IMQ, UTE ...)

Mains voltages: 110, 127, 220, 230, 240V / Frequencies: 50 or 60 Hz

**Power Factor Correction (as option) by means of Parallel- or Series capacitor**

- Low Power Factor: (LPF) : <= 0.50
- High Power Factor: (HPF) : >= 0.85

The values of the capacitors (in micro-Farad) shall be provided on request.

Radio Interference Suppression by means of 22 nF RFI capacitor (as option) or Parallelcapacitor to comply with EN55015

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