

DECLARATION OF CONFORMITY

Address: Luz Negra, S.L.
C/Carles Buigues 13,
Polígono Industrial Can Castells,
08420 Canovelles (Barcelona), Spain

Manufactured by: Luz Negra, S.L.

Code / Reference: **18.001 / 18.004**

Model: **Transparent polycarbonate cover easy-on
IP65 (L= 2m / L=6m)**

We declare under our responsibility that the mentioned products have undergone the relevant tests and that they comply with the CE regulations in accordance with the European directives and the required standards.

Mechanical	Nominal Value	Test Method
Tensile Modulus	2300 MPa	ISO 527-1/1
Tensile stress		ISO 527-2/50
Yield	62.0 MPa	
Break	65.0 MPa	
Stress Strain		ISO 527-2/50
Yield	6.0 %	
Break	120 %	
Flexural Modulus	2400 MPa	ISO 178

Physical	Nominal Value	Test Method
Density	1.2 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (300°C/1.2kg)	3.0 g/10 min	ISO 1133
Molding Shrinkage - Flow	0.50 - 0.70 %	ISO 294-4
Water Absorption		ISO 62
Saturation, 23°C	0.32 %	
Equilibrium, 23°C, 50% RH	0.12 %	

Optical	Nominal Value	Test Method
Refractive Index	1.586 -	ISO 489
Light Transmittance	87 - 91 %	ASTM D1003
Haze, 2.54 mm	<1 %	ASTM D1003

The product described has been tested according to the standards listed above.
It is possible to use the CE marking.

The certificate is issued under the responsibility of the manufacturer (data issued by the manufacturer).

For the record and at request of the interested party, this certificate has been issued.



Nuño Téllez
CEO



Canovelles, December 2024



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