

NUDEC PC RW

NUDEC presents the first certified transparent polycarbonate sheet based on renewable feedstock under the brand NUDEC[®]PC RW. It uses non-fossil ISCC PLUS certified feedstocks. The final product has a significantly lower carbon footprint of up to 61% and reduces the depletion of fossil-based sources by 35%.

Applications

- Machinery protection
- Security glazing
- Town furniture (anti-vandal)
- Office walls dividers
- Cladding
- Shelters

Properties

- Excellent transparency and surface brightness
- High heat resistance
- Available with UV protection
- Excellent impact strength
- Thermoformable
- Biobased. Second generation feedstock
- 61% CO₂ footprint reduction

Product range

NUDEC®PC RW sheets are available in thicknesses from 0,75 to 12 mm (2.050 x 1.250 mm up to 1 mm thickness and in 3.050×2.050 mm for higher thicknesses).

NUDEC[®]PC RW is not part of our standard range. Therefore, please refer to our Commercial Department for minimum quantities required.

NUDEC[®]PC RW has the same characteristics and performance as NUDEC[®]PC standard grade.



Other grades upon request.

ISCC certified product



PHYSICAL			
Density	ISO 1183	g/cm ⁻³	1,2
MECHANICAL			
Tensile strength to deformation	ISO 527	MPa	60
Tensile strength to breakage	ISO 527	MPa	72
Elongation to breakage	ISO 527	%	150
Elasticity modulus in traction	ISO 527	MPa	2.300
Resistance to flexion	ISO 178	MPa	97
Charpy impact strength notched (23°	C) ISO 180	KJ/m²	55
THERMAL			
Vicat B50	ISO 306	° C	151
HDT / A (1,8 MPa)	ISO 75-1/2		143
Tł	nese data correspo	ond to raw mat	terial values.
OPTICAL	ACTNA D 1002	0/	07.01
Light transmission (3 mm)	ASTIVI D-1003	%	87-91

CODE

UNIT

VALUE





This information is based on present state of knwoledge, its purpose being to provide general information on our products and their application. For this reason it neither should be considered as a guarantee of specific properties of the products herein described nor as a statement of their suitability for certain particular uses.