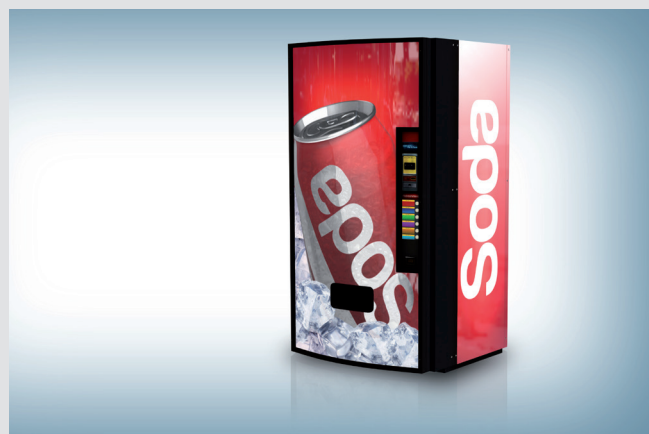


NUDEC PET RC

By reusing sorted, regranulated leftover material from our production, we reduce landfill and turn waste into raw material again.

As a part of our Cyrclus Ecosys program, which aims to save resources, minimize the environmental impact of our production and manufacture products that are as sustainable as possible, we offer NUDEC PET RC sheets, containing approximately 40 % of reclaimed material from our own production.



APPLICATIONS

- Displays, signs, price tags and other publicity material at sales points (POS sector)
- Poster protection, visors
- Partition walls

PROPERTIES

NUDEC PET RC has the same outstanding properties as standard material:

- Outstanding price/performance ratio
- Excellent transparency
- Easy to process
- High impact strength
- Good fire rating
- Meets REACH regulations
- High chemical resistance
- Fully recyclable within RIC 01 stream

TECHNICAL DATA

	STANDARD	UNIT	VALUE
PHYSICAL			
Density	ISO 1183	g/cm ⁻³	1,34
MECHANICAL			
Tensile strength at breakage	ISO 527	MPa	Not break
Elasticity modulus	ISO 527	MPa	2.420
Charpy unnotched impact strength	ISO 179	kJ·m ⁻²	Not break
OPTICAL			
Light transmission (3 mm)	ASTM D-1003	%	≥84
Yellow index	ASTM E313-98	%	≤10
THERMAL			
Softening temp., VICAT B (50 N)	ISO 306	°C	75
HDT A (1,8 MPa)	ISO 75-2	°C	69

Mechanical and thermal properties correspond to an estimation according to raw material values. Optical properties correspond to first production values.

PRODUCT RANGE

NUDEC PET RC sheets are available in thicknesses from 0,5 to 3 mm (2.050 x 1.250 mm).

NUDEC PET RC is not part of our standard range and available quantities are limited. Please refer to our Commercial Department for further details.