

TECHNICAL DATA SHEET

Rhodoid rolls/sheets

Bruyerre Article N°s:

- Papier RHODOID 85x4 cm 75μ
- Papier RHODOID 58x4 cm 75μ
- Papier RHODOID 31x4 cm 75μ

Description:

Transparent sheets or rolls, made of BOPET film; designed to come into direct contact with foodstuffs.

Technical data:

Property		Unit	Value																Testing method	
Thickness		μm	6	7	8	9	10	12	15	19	23	30	36	50	70	75	100	125	150	ISO 4593:1993
Tolerance of nominal thickness		%	± 5																ČSN EN ISO 527-3 shift speed of clips 100 mm/min	
Tensile strength	MD	N.mm ⁻²	200				210				180				160					140
	TD		200				210				180				160					140
Elongation at break	MD	%	75				90				90				100					130
	TD		70				80				90				100				130	
Shrinkage, max.	MD	%	3				2												ASTM D 1204-08 150 °C 15 min	
	TD		3				2													
Coefficient of friction PET-PET, max.	kin.	-	0,6																ČSN EN ISO 8295 kin. 150 mm/min	
	stat.		0,7																	
Density		g.cm ⁻³	1.370 - 1.400																ČSN EN ISO 1183-2	
Haze, max.		%	5								7	10	15				25	ASTM D 1003-00		
Surface tension		dyn.cm ⁻¹	38																ASTM D 2578-04	
Water vapour permeability max. xx/		g.m ⁻² .d ⁻¹	*	45	40	*	*	35	30	22	20	15	13	10	8	7	5	5	5	ISO 15106-1:2003 38 °C, 90 % RH
Applicability without essential change of properties x/		°C	-20 to +140																-	

1. Values without tolerances given in product specification are the lowest values guaranteed

2. x/ Sign for informative values

3. xx/ Sign for type tests that are being executed at new products, technology or material changes

* not measured

The full suitability for the application should be tested and approved by the customer.

Storage specifications

The material must be stored in warehouses that protect it:

1. From the light
2. From temperatures below 8°C and above 30°C
3. From excessive ambient humidity, which must not exceed 70% RH
4. From pollution deriving from other substances stored in the proximity (e.g. soul-noxious odours)

The protective packing should be removed only at the time the material is used.

If used three months following delivery, the material should be examined before use.

This information and recommendations is based on UFC's best knowledge and belief accurate and reliable as of the date indicated. Guarantees for correct use of this material are at the responsibility of the customer. All applications of this must be tested and approved by the user.

Validity of this document: 2 years or until change of specifications of the supplier

Date of issue: 10/01/2022