

TECHNICAL DATA SHEET

Rhodoid sheets 190μ

Bruyerre article n°:

- Papier RHODOID 74x7 cm 190 μ

Description:

Transparent sheets, made of 100% virgin resin APET film; in thicknesses from 150 micron to 600 micron; designed to come into direct contact with foodstuffs. Available in different sizes. The material has a high fat resistance. Wrapped in PE film, in PE-lined cardboard boxes.

Film Characteristics

Characteristic	Basic value	Tolerance
Raw Material	A-PET 100% virgin generic use	
Thickness (μm)	According to the order • ±8%	
Quantity	According to the order +/-10%	
Superficial appearance (Brightness/opacity, humidity/fish eyes, black spots, flow lines/ drying, coating)	According to the standard sample •	Max fish eyes and equivalent: < of 0.2 mm ² @30/m ² from 0.2 a 0.5 mm ² @ 5/m ² > of 0.5 mm ² @1/m ² • Max black spots and equivalent: maximum of 0.6 mm ² @3/m ² maximum of 1 mm ² @1/m ²
Viscosity (IV) (dl/g)	IV _{min} = 0.7 +/- 0,1	
C.O.F. max	0.23	
Thermoforming	Typical of PET	
Opacity / Transparence	According to the standard sample	
Colour	According to the standard sample	For transparent film (referred to the adjustment ceramic plate) For thicknesses up to 300 my Da = 0±0.3 Db = 1±0,8
Shrinkage	Method ASTM D-1204-54	For thicknesses up to 250my -15% longitudinal +1 ÷ -2% trasversal

Material Specifications

Technical specifications	Trial method	UoM	Value
Specific weight	ASTM D 1505	G/cm ³	1.33
Gloss at 45°	ASTM D 2457		1.08
Transparency	ASTM D 1746	%	87
Elastic modulus	ASTM D 882	MPa	2700
Resiliency:			405
• at 23°C			175
• at -29°C	ASTM D 1709	g	6.0
Moisture permeability	ASTM F 372	g/m ² *24h	5.1
Oxygen permeability	ASTM D3985	cm ³ *mm/m ² *24h*atm	28
CO ₂ permeability	ASTM D1434	cm ³ *mm/m ² *24h*atm	
Surface resistivity (coating on demand)		ohm	10E9-10E12
Sterilization:			YES
• ETO			YES
• Gamma rays			NO
• Steam			

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.

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

Date of issue: 01/01/2022

UFC Flexibles BVBA

Wolfsveld 8

9570 LIERDE