

TECHNICAL DATA SHEET

Technisches Datenblatt

PARKERS FOOD MACHINERY PLUS

Packaging & Ingredients

mechanische, thermische Eigenschaften / mechanical, thermic Properties

Date: 025.08.16
Outlay: 01/12 DS_engl_ergo.vac-03B0002_80µm.doc

Bezeichnung:
type of film

Ergo.vac-03B0002 / 80µm

Aufbau:
Structure

5-Layer Coexfilm with the structure: PA/Tie/PE/Tie/PE

Funktion:
Function

Coexfilm for production of bags, sterilisation up to 121°C

Merkmal/basis	Einheit/unit	Qualitätsmerkmal Quality-details	Wertebereich/Methode Value-range/method
Allgemeine Daten General data	µm	Schichtaufbau Außen outside Film composition Schichtaufbau innen inside	PA -- Tie -- PE -- Tie -- PE --
	µm	Gesamtstärke Total thickness	+/- 15 % 80,0
	g/m ²	Flächengewicht weight of surface	+/- 15 % 77,5
Mech. Eigenschaften Mechanical Properties A = outside I = inside	N/mm ²	Reißfestigkeit längs tensile strength longitudinal Reißfestigkeit quer tensile strength across	35 - 50 i. l. o. 30 - 45 DIN EN ISO 527
	%	Reißdehnung längs Elongation at Tear longitudinal Reißdehnung quer Elongation at Tear across	350 - 500 i. l. o. 400 - 550 DIN EN ISO 527
	N	Durchstoß Ø 3 mm A:I puncture with Ø 3mm Durchstoß Ø 3 mm I:A puncture with Ø 3mm	>=20 i. l. o. >=15 ASTM 1306-90
Thermische Eigenschaft Thermal Properties	°C	Temperaturbeständigkeit temperature resistance Kochfestigkeit / Boilable	-40 up to +121 ja / yes
Durchlässigkeit Permeability RH = relative air humidity	cm ³	Gasdurchlässigkeit	O ₂ <=50,0 i. l. o. DIN 53380
	m ² d bar	Gas permeability	23°C/ 50% RH i. l. o.
	g m ² d bar	Wasserdampfdurchlässigkeit Water Vapour Permeability	H ₂ O <=1,8 DIN 53122 23°C/ 85% RH
Lagerbedingungen /-Klima (2) storage condition /-climate	°C	Temperatur / temperature	10 - 25 --
	%	Luftfeuchte / air humidity	45 - 70 --

In the production of the film supplied our supplier only uses raw materials that can be considered harmless to health on the basis of the scientific knowledge available and/or statements to this effect provided by our suppliers. All resins are in accordance with EC regulation 10/2011.

(1) he suitability of our film for the individual application must be tested and approved by the user/packer of the product to be packed.

(2) Usage of film: we recommend using the film acclimatized to the temperature of the packing room. Films with PA (Polyamide) in the outer layer may have the tendency to curl if stored under too moist conditions.

The technical data provided are the results of long term test series; however, they are subject to tolerances and are therefore given without guarantee. Regarding tolerances our general conditions of Sale and Trading apply.

Legend: i. l. o. = in to lean on