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BRAND

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Product Information

Wertheim, 17. November 2021

Product: **BRAND Seal-R-film™**
Cat. No: **701620**
701622
701624
701626

Physical data

Color:	translucent, whitish
Odor:	very slight waxy
Flatness:	no bumps, smooth
Toxicity:	not toxic
Combustibility:	open cup flash point 301 °C
Thickness:	ca. 0.14 mm
Density:	< 1 g/cm^3
Weight:	ca. 114 g/m^2 (without paper)
Temperature range (continuous use):	10 °C to +46 °C.
Boiling point:	> 288°C
Melting point:	> 66 °C
Flash point:	301 °C
Stretching ability (25 °C):	200 %
Elongation rate (25 °C):	>300 %

Gas permeability within 24 hours at 23°C and 50 % relative humidity:

O_2 (oxygen):	≤ 350 cm^3/m^2
N_2 (nitrogen):	≤ 105 cm^3/m^2
CO_2 (carbon dioxide):	≤ 1100 cm^3/m^2

Water vapor permeability within 24 hours at 37 °C and 90 % relative humidity: 0.8 g/m^2.

Physiological characteristics:

BRAND Sealing Film conforms to the provisions of the US FDA (Food and Drug Administration) when used below 55°C and observance of GMP (Good Manufacturing Practices). If Seal-R-film™ comes in contact with foods, the relevant regulations should be observed.

BRAND Sealing Film consists primarily of mineral waxes (50%) and polyolefin (49%). 1% Generally Recognized As Safe (GRAS) proprietary ingredient in accordance with to FDA Regulation 21 CFR for formulation compatibility.

Caution:

Vapor pressure from highly volatile substances can force BRAND Sealing Film from the container edge!

Storing properties:

BRAND Sealing Film can be stored at least 3 years without quality impairment under storing conditions between 10 °C and 30 °C at 50 % relative humidity.

Our technical literature is intended to inform and advice our customers. However, the validity of general empirical values and results obtained under test conditions for specific applications depends on a number of factors beyond our control. Please appreciate, therefore, that no claims be derived from our advice. You, yourselves, are responsible for very carefully checking the validity for your particular application.

BRAND Sealing Film being of common use in the laboratory is not subjected to requirements of EC-Directive for CE/IVD-products.

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