

## TECHNICAL DATA SHEET

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### A-PET [FRP] film

#### PRODUCT DESCRIPTION

A-PET three-layer transparent film A/B/A (10%/80%/10%). The outer layers are made from 100% Virgin PET granules. The middle layer can contain up to 60-80% R-PET. The surface is not activated or covered with a layer of silicone. The film is characterized by high transparency, no haze and high gloss. Resistant to chemical agents and moisture. Thanks to the presented properties and high mechanical strength, the film can be successfully used as a material for the production of packaging. The film is approved for use in the production of food and pharmaceutical packaging.

#### DESCRIPTION

Properties	MU	Typical value	Comments
Thickness	µm	150-900	(+/- 5%)
Width of rolls	mm	40-1400mm	(+/- 2mm)
Unit weight tolerance	%	<5000 kg +/-10% >5000 kg +/-5%	-
Density	g/cm <sup>3</sup>	1,34 +/-5%	EN ISO 1183-2:2004
Stretching resistance - machine (MD) - transverse (TD)	N/mm <sup>2</sup>	65-70 65-70	EN ISO 527-3:1995
Melting Point	°C	245	EN ISO 11357-3:2013
Thermoforming temperature	°C	>100	-
Black points	n/10 m <sup>2</sup>	≥0,20 - ≤1 mm <sup>2</sup> - max 8; >1 mm <sup>2</sup> - max 1	Visually
Fish eyes	n/10 m <sup>2</sup>	≥0,40 - <1 mm <sup>2</sup> - 50; ≥1 - ≤3 mm <sup>2</sup> - max 30; >3 mm <sup>2</sup> - max 2	Visually
Winding standards		150µm – 1000 lm (d. 450mm) 200µm – 760 lm (d. 450mm) 250µm – 610 lm (d. 450mm)	+/- 15%

#### INTENDED USE

Type of application: lamination, packaging, thermoforming

#### STORAGE CONDITIONS AND SHELF LIFE

The products should be stored away from sources of high and low temperatures, humidity and direct sunlight. The recommended storage temperature is 5°C - 30°C with relative humidity of 20% - 70%. Product shelf life is 6 months from production date printed on the label.

#### ADDITIONAL INFORMATION

The data presented are based on the current state of our knowledge and are intended for information purposes only. The specified parameters represent typical values and do not represent limit values. Given the number of factors beyond our control, we cannot guarantee the properties or suitability of the products for each individual case of application. For these reasons, no legal claims may be derived from this technical specification sheet. We reserve the right to update the technical specifications at any time without any obligation to inform you. The product is not classified as hazardous, we recommend reading the declaration of conformity before use. Dispose of in accordance with local and national regulations.