

TECHNICAL DATA SHEET

Article code 420xxxxxxxx030S

K12 PET MET ULTRAGOLD

Profile:

*12 micron gold colored BOPET film. Inside Aluminum-Metallized. Outside equipped chemical treatment based on acrylate.

Features:

*Suitable for printing, hot stamping and UV spot varnish.

*Al-Metallized side must not come into direct contact with food because of aggressive substances (e.g. weak acids) use to damage Aluminum-layer. Al-layer is not long term resisting to water, which causes corrosion.

*In case of higher temperatures over 100°C the migration of color may occur.

Applications:

*This film is assigned for food packaging (duplex & triplex laminates), decorative and thermal insulating applications. Flexible packaging and wet lamination onto paperboards.

TYPICAL PROPERTIES +-5%		TEST METHOD	UNIT	VALUES
Thickness		ISO 4593	Microns	12
Unit weight			g/m ²	16.8
Tensile strength	MD / TD	CSN EN ISO 527-3	N.mm ⁻²	200
Elongation at break	MD / TD	Shift speed of clips 100mm/min.	N.mm ⁻²	70
Shrinkage, max.	MD / TD	ASTM D1204 150°C 15 min.	%	3
Optical density		EMA Test		2.0 +- 10%
Permeability of oxygen, max.		ASTM D3985 23°C, 0% RH	cm ³ .m ⁻² . d ⁻¹	2.5
Permeability of water vapour, max.		ASTM F1249 38°C, 90% RH	g.m ⁻² .d ⁻¹	2.5
Applicability without essential change of properties			°C	-20 to +140

MD = Machine Direction

TD = Transverse Direction

RH = Relative Humidity

*Recommended storage conditions: For best film performance store in dry, clean location away from direct sunlight at temperatures between 18~21°C, approx. 40% relatively normal humidity. Film rolls should be wrapped with a layer of film for protection.

Warranty: 180 days from the date on the invoice, claims after 180 days cannot not be accepted, for warranty purposes please have available full label information, without this, claims cannot be handled or accepted.

Disclaimer: The information provided above is to the best of the knowledge of the producer. The values provided are test results, which are indicative only and provided as guidelines.

Ultralen ® registered trademark: The aforementioned data is given most conscientiously but without any obligation. Any processing details are provided merely for guidance, it is the user's responsibility to check the suitability of the product for the intended application.

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