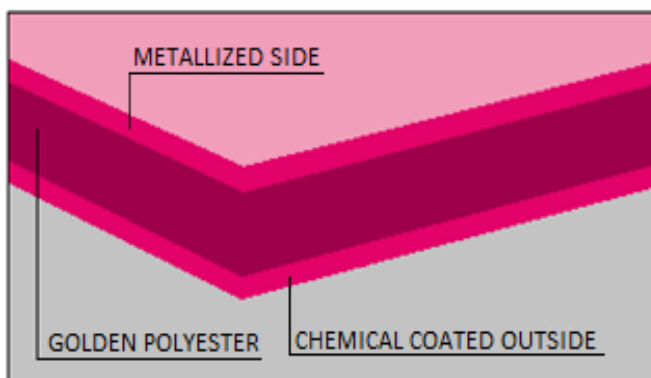


**TECHNICAL  
DATA SHEET**
**K 1 2 P E T M E T G O L D P P T**

**K12 PET MET GOLD PPT** is a bioriented polyester film with one side chemical coated and the other side metallized.

*This film is suitable to come into contact with food (declaration on request). This film does not comply with EN-71.*


**TYPICAL TECHNICAL FEATURES <sup>(1)</sup>**

PHYSICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 422/74</i>
Thickness		Internal	µm	12
Grammage		Internal	g/m <sup>2</sup>	16,78
COF ( <i>metal/chemical</i> )	dynamic	ASTM D1894	-	0,65
	static			0,70
Surface tension	coated side	ASTM D2578	dyne/cm	42
	metallized side			54

MECHANICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 422/74</i>
Tensile strength at break	MD	ASTM D882	Kg/cm <sup>2</sup>	2.000
	TD			2.100
Elongation at break	MD	ASTM D882	%	120
	TD			110

THERMAL PROPERTIES		METHOD	UNIT	VALUE <i>code 422/74</i>
Thermal shrinkage (150°C/15min)	MD	ASTM D1204	%	2,0
	TD			0,2

METALLIZATION PROPERTIES		METHOD	UNIT	VALUE <i>code 422/74</i>
Metal bond strength		Internal	g/25mm	175
Optical density		Internal	-	2,2

<sup>(1)</sup> The information and data contained herein are to be used only as a guideline; therefore, ULTRALEN FILM GmbH doesn't offer any guarantee on their absolute truthfulness and doesn't accept any liability arising out of their use.

**ULTRALEN FILM GmbH**

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#### *STORAGE*

Store the material in a dry location (preferably with RH < 50%) at a constant temperature between 10°C and 30°C. Do not leave it exposed to direct sunlight or atmospheric agents.

Partially used reels have to be repacked as originally supplied.

#### *WARRANTY*

Material processability is guaranteed up to 3 months since shipment date, as long as it is stored correctly.

It is recommended to condition the material at room temperature at least 24 hours before its use.

#### *DISCLAIMERS*

ULTRALEN FILM GmbH gives no warranty, expressed or implied, as to the suitability of the material for a specific application or characteristic use. An industrial homologation test of the material in actual conditions of purpose is always needed in order to verify its suitability for the specific application or characteristic use. Before using the material, it is advisable to check the compatibility of the inks and adhesives to be purposed with the type and level of its treatment.

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