

## FLEXIBLE PACKAGING - Transparent Barrier

COVEME K/E Past 14 $\mu$  is a biaxially oriented Polyethylene Terephthalate Film PVdC coated on the outside. COVEME K/E Past 14 $\mu$  has been designed for the flexible packaging applications that requires an outstanding barrier against moisture and oxygen. The material is suitable for pasteurization at 90°C for 30 minutes.

PROPERTY	TYPICAL VALUE	UNIT	METHOD
Thickness	13 - 15	$\mu$	Internal Method
Density	1,405 - 1,5	g/cm <sup>3</sup>	ASTM D 1505
Yield	59,5	m <sup>2</sup> /Kg	Internal Method
Tensile strength (md)	1800 - 2500	kg/cm <sup>2</sup>	ASTM D 882
Tensile strength (td)	1800 - 2500	kg/cm <sup>2</sup>	ASTM D 882
Elongation at break (md)	100 - 150	%	ASTM D 882
Elongation at break (td)	100 - 130	%	ASTM D 882
Heat Shrinkage (md) (150°C 30 min.)	1,0 - 2,5	%	ASTM D 1204
Heat Shrinkage (td) (150°C 30 min.)	0,5 - 1,0	%	ASTM D 1204
C.o.f. static	< 0,5		ASTM D 1894
C.o.f. kinetic	< 0,5		ASTM D 1894
Wetting tension PVdC Side	50 - 56	dynes/cm	ASTM D 2578
Wetting tension Untreated Side	< 44	dynes/cm	ASTM D 2578
Haze	3 - 5	%	ASTM D 103
O <sub>2</sub> transmission Typical @ 25°C - 75% RH	< 12	cc/m <sup>2</sup> x 24h x atm	ASTM D 3985
Water Vapor Tr Typical @ 38°C - 90% RH	< 10	g/m <sup>2</sup> x 24h x atm	ASTM E 96

The material and its technical specification are guaranteed for a period of 6 month from delivery.

The above information is given in good faith and is generally reliable. However, the customer will have to examine the suitability of the film for individual application. Hence no general or particular warranty for the applications of the film is offered by COVEME. The above information is liable to change due to innovation and improvement in the manufacturing process. COVEME assume no liability for any infringement of any patent, copyright or design on the part of the customer while exploiting the film for different end-uses.

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Coveme spa is UNI EN ISO 9001-2008 and ISO 14001 certified

