

FLEXIBLE PACKAGING - Transparent No Barrier

COVEME KNP/E 15 micron is a biaxially oriented Polyamide Film corona treated outside. COVEME KNP/E 15 μ has been tailored for printing and lamination process where the final product requires high resistance against puncture. Material is suitable for retortable applications.

PROPERTY	TYPICAL VALUE	UNIT	METHOD
Thickness	14,5 - 15,5	μ	Internal Method
Density	1,14 - 1,16	g/cm ³	ASTM D 1505
Tensile strength (md)	2300 - 2900	kg/cm ²	ASTM D 882
Tensile strength (td)	3100 - 3600	kg/cm ²	ASTM D 882
Elongation at break (md)	130 - 160	%	ASTM D 882
Elongation at break (td)	95 - 120	%	ASTM D 882
Heat Shrinkage (md) (160°C 15 min.) By Heated Air	1,6 - 1,9	%	ASTM D 1204
Heat Shrinkage (td) (150°C 30 min.) By Heated Air	1,1 - 1,4	%	ASTM D 1204
C.o.f. static	< 0,65		ASTM D 1894
C.o.f. kinetic	< 0,6		ASTM D 1894
Haze	< 3	%	ASTM D 1003
Wetting tension Treated Side	50 - 54	dynes/cm	ASTM D 2578
O2 transmission Typical @ 20°C - 45% RH	< 70	cc/m ² x 24h x atm	ASTM D 3985
Water Vapor Tr Typical @ 40°C - 45% RH	< 500	cc/m ² x 24h x atm	ASTM D 3985

Thermal Data available for retortable application.

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

