

## CCC KNP E/E 25

CCC KNP E/E 25 micron is a biaxially oriented Polyamide Film both sides corona treated. CCC KNP E/E 25  $\mu$  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	24,0-26,0	Micron	Internal Method
Density	1,14-1,16	g/cm <sup>3</sup>	ASTM D 1505
Tensile strength MD	223	Mpa	GB/T 13022-1991
Tensile strength TD	320	Mpa	GB/T 13022-1991
Elongation at break MD	139	%	GB/T 13022-1991
Elongation at break TD	95,2	%	GB/T 13022-1991
Modulus of Elasticity MD	3688	Mpa	GB/T 13022-1991
Modulus of Elasticity TD	3012	Mpa	GB/T 13022-1991
Heat Shrinkage MD	1,15	%	GB/T 12027-2004
Heat Shrinkage TD	1,21	%	GB/T 12027-2004
C.o.f. static	0,603		GB/T 10006-1988
C.o.f. kinetic	0,588		GB/T 10006-1988
Wetting tension	56	mN/m	GB/T 14216-1993
Haze	4,1	%	GB/T 2410-1980
Oxygen Transmission @ 20°C - 100% RH	27	g/m <sup>2</sup> x 24h x atm	GB-1038
Water Vapor Transmission @ 40 °C - 90 % RH	87	g/m <sup>2</sup> x 24h x atm	GB1037-88

The technical specification is guaranteed for a period of 6 months 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 Clarus Films. The above information is liable to change due to innovation and improvement in the manufacturing process. Clarus Films 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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