



**T.D.S + FOOD CONTACT REGULATION**

Customer: Dole INC

Client C/N:

Product Name: Dole PP LID LAMINATE

C/N:

Material Composition: BOPP40MELOX+PP53MP

Test Description	Unit	V Value	Test Method
Thickness	microns	93 +/- 3	ASTM D334
Weight	g/m <sup>2</sup>	90 +/- 4	23°C 50% R.H.
Tensile strength at brake MD	N/mm <sup>2</sup>	>140 +/- 8%	ASTM D882
Tensile strength at brake TD	N/mm <sup>2</sup>	>280 +/- 8%	ASTM D882
Elongation at brake MD	%	<240 +/- 8%	ASTM D882
Elongation at brake TD	%	<55 +/- 8%	ASTM D882
Seal Strength LID to PP Tray	N/15mm	11.8-15.7	120°C, 150N/mm <sup>2</sup> /1sec
seal range IN/PP TRAY	°c	140-190	SJ
seal range IN/OUT	-	-	SJ
Seal Type	-	-	heat seal
Yield	m <sup>2</sup> /kg	11.1 +/- 3	ASTM D646
Lamination strength	g/inch	> 300	TENSILE TEST MACHINE
Gloss	gloss unit	-	ASTM D2457
C.O.F	inside	0.3	ASTM D1894
C.O.F	outside	0.3	ASTM D1894
W.V.T.R.	g/m <sup>2</sup> /24hrs	< 1	ASTM F 1249 38°C, 90% R.H.
Oxygen Permeability	cc/m <sup>2</sup> /24hrs	< 1	ASTM D 1434 25°C, 0 % R.H.
Residual Solvent	mg/m <sup>2</sup>	10 ETOH	G.C
Residual Solvent	mg/m <sup>2</sup>	5 ETAC	G.C
Width	mm	200	-
High/cut off	mm	-	-
CARTON CORE indise dia	mm	76	Meter in roll

PRINT AND INK TYPE

LIGHT FAST PIGMENT, POLYURETHANE NC BASE RESIN,  
EXCELLENT ADHESION, GOOD HEAT RESISTANCE

LAMINATION AND ADHESIVE TYPE

SOLVENT BASE COLOR LESS, SOLVENT BASE,  
ORDER FREE,  
HIGH BOND STRENGTH TWO COMPONENT  
POLYURETHANE  
ADHESIVE

STORE CONDITION:

Place Away From Direct Sunlight and Returned To  
Original Packing if  
Unused

LIFE SHELF :

12 MOUNTH

Abov\* Packaging inaterial fulfillls current recommendations and regulations of food and drug administraiion from FDA 1987 . All components used in the packaging material were monitored, tested and controlled by production quality assurance procedures and on the basis of certification and conformity certificates of respective component suppliers, the strict compliance to EEC directirre 94196IEC Article 11-{1-} is ensured and also complies with rules of the regulation (EC No. \$35/2AA4). Materials and components are qualified Heavy Metal-Free and safe for application stated herein The product meets the Israeli standard 5113