



# AIR BUBBLE BAG

DATE OF TEST : 18-01-17

## TYPICAL PROPERTIES OF BUBBLEPAK

	PHYSICAL PROPERTIES	VALUE	UNIT	TEST METHOD
<b>STRENGTH</b>	ELMENDORT TEAR (MD)	30	gram	ASTM D 1922
	ELMENDORT TEAR (CD)	640	gram	ASTM D 1922
	TENSILE YIELD (MD)	14	N/mm <sup>2</sup>	ASTM D 882
	TENSILE YIELD (CD)	13	N/mm <sup>2</sup>	ASTM D 882
	ULTIMATE TENSILE (MD)	40	N/mm <sup>2</sup>	ASTM D 882
	ULTIMATE TENSILE (CD)	26	N/mm <sup>2</sup>	ASTM D 882
	ULTIMATE ELONGATION (MD)	660	%	ASTM D 882
	ULTIMATE ELONGATION (CD)	900	%	ASTM D 882
	BURST (BUBBLE PRESSURE)	169.59	KN/m <sup>2</sup>	
<b>HEAT SEAL</b>	TEMPERATURE	82 to 121	C <sup>o</sup>	
	TIME	0.5 to 5	seconds	
	SCAL STRENGTH	2.26	kg/cm <sup>2</sup>	
	PRESSURE	17 to 413	kPa	
<b>TEMPERATURE RANGE</b>	MAX	93	C <sup>o</sup>	
	MIN	-15	C <sup>o</sup>	
<b>WATER ABSORPTION</b>	(24 HOURS)	0.01	%	ASTM D 570
<b>FILM THICKNESS</b>	2 LAYERS	70 ( ±10 )	micron	

## ELECTRICAL PROPERTIES (FOR ANTISTATIC BUBBLEPAK ONLY)

DESCRIPTION	VALUE RANGE	UNIT	TEST METHOD
STATIC RESISTIVITY	10 <sup>9</sup> to 10 <sup>11</sup>	ohms / sq	ASTM D 257

### GENERAL DESCRIPTION :

Air Bubble Pack is made of low density polyethylene film (LDPE) with a shaped surface which bond to another flat surface to form air bubbles which resist to loss of air in vacuums.

### APPLICATIONS :

- Specially used as a stress reliever which produce popping sound during clicking of bubbles.
- Commonly used for foodstuff packing, electronic instrument packing as well as ceramic packing.
- Widely used as packaging material for protection of fragile products such as glass against damage.

Note : All information and recommendations are given by us in good faith on the basis of practical experience, but without warranty . The user shall determine the suitability of the product and the method of application for each specific use.

## IDEALTAPE SDN BHD (969219-X)

NO : 7 JALAN BALAKONG JAYA 1 , TAMAN INDUSTRI BALAKONG JAYA , 43300 BALAKONG SELANGOR DARUL EHSAN , MALAYSIA.

TEL : 03-8964 0983 / 016-2100 268 FAX : 03-8964 0982 EMAIL : idealtapesb@gmail.com

WEBSITE : www.idealtape.com.my