

DATA SHEET

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26 July 2007

**IPPLON® NYLON BAGGING FILMS WITH MOISTURE-LOK**  
The Softest Nylon with the Highest Elongation

MECHANICAL	Unit	Test Method	KM1300	DP1000	DPT1000	WN1500
Elongation at break	>%	ASTM D 882	425	450	375	375
Tensile strength	>psi	ASTM D 882	7000	7000	9000	9000
	>N/mm <sup>2</sup>		48	48	62	62
<b>THERMAL</b>						
Maximum recommended use temperature (1)	°F		400-414	400-414	450-475	450-475
	°C		204-212	204-212	232-246	232-246
Melt point (minimum),	°F	ASTM D789-94	420	420	500	500
Crystalline	°C		215	215	260	260
Flammability (Self Extinguishing)		ATP-5034	Yes	Yes	Yes	Yes
<b>CHEMICAL</b>						
Materials to avoid:	Strong Oxidizers		Yes	Yes	Yes	Yes
	Phenol Compounds (2)		Yes	Yes	xxx	xxx
<b>PHYSICAL</b>						
Density	g/cm <sup>3</sup>	ASTM D 792	1.13	1.13	1.14	1.14
Yield	in <sup>2</sup> /#/mil		24500	24500	24500	24300
	m <sup>2</sup> /kg/25µm		34.8	34.8	34.8	34.5
Color			Pink	Orange	Orange	Blue
Shelf Life			indefinite	" "	" "	" "
Gauges Available (3)	Inches		.002 & .003 & .005			
	µm		50, 75 & 125			
Forms Available (4)			Sheeting, Lay Flat Tubing, Center (V) Fold & Bags			

- NOTES: (1) Maximum recommended use temperature is dependant upon the duration at maximum temperature and is process specific. Airtech recommends testing prior to use.  
 (2) Phenol compounds have moderate effect. DPT1000 & WN1500 are the recommended materials for vacuum bagging phenolic materials.  
 (3) Gauges listed available in all Ipllon® materials. Other gauges available on special order.  
 (4) Consult the dimension chart in this section for dimensional information. Custom designed shapes are available to fit your individual requirements. Please consult Airtech for further information.

CATALOG POSITION: **BAGGING FILMS**

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