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Data Sheet

IPPLON® DPT1000

High temperature nylon bagging film with a good elongation

DESCRIPTION

Ipplon® DPT1000 is a high temperature nylon film for cure temperatures up to 246°C. It can be used when high temperature and high pressure are required. It is the recommended material for cures with phenolic resins.

BENEFITS

- Heat resistance provides vacuum security during high temperature cures.
- Good elongation helps avoid bridging in corners that can result in blown bags or resin richness.
- High strength and chemical resistance reduces bag failures with aggressive phenolic resins.

TECHNICAL DATA

		Test method
Material type	Nylon	
Elongation at break	375 %	ASTM D 882
Tensile strength	62 MPa	ASTM D 882
Maximum use temperature	246°C	
Flammability (self extinguishing)	Yes	ATP-5034
Materials to avoid	Strong oxidizers	
Colour	Orange	
Shelf life	Unlimited when stored in original packaging at 22°C	

SIZES

Thickness	Width	Forms Available*
50 µm (0,002 inch)	up to 4,57 m (180 inches)	SHT, CF, LFT
75 µm (0,003 inch)	up to 4,57 m (180 inches)	SHT, CF, LFT

- For more sizes, see the *Commonly Used Sizes* chart in this section.
- Custom shapes and sizes are available, please contact Airtech for more information.



NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Airtech recommends testing prior to use.

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Catalogue position : Bagging films

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