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Data Sheet

THERMALIMIDE E

Ultra high temperature bagging film

DESCRIPTION

Thermalimide E is a high performance bagging film for cure temperatures up to 426°C.

BENEFITS

- High temperature resistance enables vacuum bagging for extremely high temperature applications.
- Flexibility for applying pressure over simple contoured shapes.
- Superior toughness of film in comparison to metallic foils helps avoid bag tearing.

TECHNICAL DATA

		Test method
Material type	Polyimide	
Elongation at break	85 %	ASTM D 882
Tensile strength	240 MPa	ASTM D 882
Maximum use temperature	426°C	
Flammability (self extinguishing)	Yes	ATP-5034
Materials to avoid	None	
Colour	Amber	
Shelf life	Unlimited when stored in original packaging at 22°C	

SIZES

Thickness	Width	Length	Weight/Roll	Forms Available*
50 µm (0,002 inch)	1,02 m (40 inches)	78 m (255 feet)	5,8 Kg (12,7 lbs)	SHT
50 µm (0,002 inch)	1,52 m (60 inches)	78 m (255 feet)	8,6 Kg (18,9 lbs)	SHT

- 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.

Last updated : 2015-11-04
Catalogue position : Bagging films

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