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Data Sheet

THERMALIMIDE RCBS

Ultra high temperature release film

DESCRIPTION

Thermalimide RCBS is a high performance release film treated both sides for cure temperatures up to 405°C. Thermalimide RCBS is an ideal release film used during the forming process of thermoplastic materials and other high temperature applications.

BENEFITS

- High temperature resistance film can be used safely at high temperatures.
- Excellent release off cured parts, so film comes off easily and quickly.
- Flexibility for applying pressure over simple contoured shapes.

TECHNICAL DATA

		Test method
Material type	Polyimide	
Elongation at break	80 %	ASTM D 882
Tensile strength	240 MPa	ASTM D 882
Maximum use temperature	405°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*
25 µm (0,001 inch)	1,52m (60 inches)	78 m (255 feet)	4,3 kg (9,5 lbs)	SHT
50 µm (0,002 inch)	1,52 m (60 inches)	78 m (255 feet)	8,6 kg (18,9 lbs)	SHT
25 µm (0,001 inch)	2,00 m (78,7 inches)	78 m (255 feet)	5,65 kg (12,45 lbs)	SHT
50 µm (0,002 inch)	2,00 m (78,7 inches)	78 m (255 feet)	11,3 kg (24,9 lbs)	SHT

- Custom shapes and sizes are available, please contact Airtech for more information.

*SHT = Sheeting

NOTES

- 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 : Release films

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