

Adhesive Specialities

Manufacturer of Speciality Adhesive Tapes

TECHNICAL DATA SHEET

Product Code – AS-077

POLYIMIDE FILM – 1 MIL

Description: Polyimide Film – 1 mil is a special grade backing material that exhibits an excellent balance of physical, chemical, and electrical properties over a wide range of temperature with superior dimensional stability and adhesion characteristics.

Application: Polyimide Film – 1 mil is used in cryogenic insulation, high temperature masking, protection of circuit board's gold finger, contacts during wave soldering, insulation for transformers, motors and coil, fibre optics cables, solar panels etc.

TECHNICAL VALUES

Properties	Value
Base Material	Polyimide Film –1 mil (25 µm)
Tensile Strength (MD/TD)	135 Mpa
Heat Resistance	350 °C
Insulation Class	180 °C
Elongation (% at break – MD/TD))	50 %
Dielectric Breakdown (v)	7,500
Insulation Resistance (MΩ)	1,000,000
UL-94 Flammability	V-O
Available Colour	Amber

Storage & Shelf Life: The tape should be stored in cool and dry place and prolonged exposure to the direct sunlight should be avoided. To obtain best performance, the product should be used within 12 months from the date of manufacture.

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