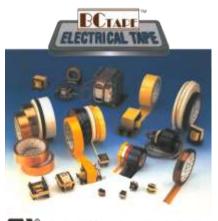
TECHNICAL DATA

PEN (Polyethylene Naphthalate) TAPE Product Code: 1PEN2



Email: sales@bcwire.net



W UL File No. E126174

Description: 1PEN2 PEN Electrical Insulating Tape is make by Teonex® Q5100 Polyethylene

naphthalate (PEN) film can perform an excellent thermal property at 180° C. It is superior in almost all field of applications. It exhibits higher temperature rating, better dimensional stability after heating, better hydrolytic resistance and excellent oxygen

permeability.

Application: For use in high performance electrical applications, used on high-temperature coils, such

as in traction machine manufacturing, in the production of generators, capacitors, transformers etc. PEN Tape can be applied as major insulation in Class F 155 °C, Class

H 180 °C and Class N 200 °C Electrical Insulation System.

Technical Details: PROPERTIES UNIT SPECIFICATION

COLOR - Transparent or Black

TOTAL THICKNESS mm 0.055 + 0.005

TENSILE STRENGTH kg/25mm 12
ELONGATION % 90
ADHESION TO STEEL kg/25mm 0.6
DIELECTRIC BREAKDOWN kV 6
TEMPERATURE RATED °C 155

Test Method: In accordance with <u>ASTM D-1000</u> method

Shelf Life: 6 months when storage at 73F and 65% relative humidity

Availability: Standard Length 50M per roll, 3" core, width from 2mm to 1,000 mm

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