



PEI

PITTSBURGH ELECTRICAL INSULATION
MANUFACTURER | CONVERTER | DISTRIBUTOR

800 Martha Street, Munhall, PA 15120

TECHNICAL DATA

Polyester B-Stage Non Woven Felt

Properties and Applications:

PEI B-STAGE Polyester Non Woven Felt is made from Polyester Felt, utilizing a needle loom process. This ensures that the polyester fibers are mechanically interlocked, not chemically bonded. The primary function of this product is to provide bracing between coils in both generator and motor applications.

This material is impregnated with a class 220°C B-STAGE polyester resin. '

Upon completion of the required bake cycle, this material will become rigid, minimizing vibration of large formed coils, when properly inserted.

Properties of Base Polyester	
Denier	6
Staple Fibers	2" Minimum
Weight	8.5lbs/Sq Yd per inch thick

Cure Cycle	
Temperature	Time
150°C/300°F	25 Minutes
135°C/275°F	40 Minutes
125°C/257°F	150 Minutes

Packing and Marking:

This material shall be packed and marked in accordance with guidelines set by the purchase order, subject to acceptance by PEI.