

ACCURATE FELT & GASKET MFG. COMPANY

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MATERIAL SPECIFICATION

T-191

PHYSICAL PROPERTIES

High temperature flexible PET Polyester film. This product feature's are a physically tough material with stiffness and snapback, UL and CSA component recognition, excellent dielectric properties, thermally stable, and very low moisture content. Made from high performance hybrid insulation material with a polyester film middle. This material has a smooth surface that provides a high resistance to tearing but has good elongation characteristics. T-191 bonds well with dipping varnishes and encapsulating resins because its laminates are non-hygroscopic. UL recognition thru class 200 (N)

DATA*

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|------------------------|---------------------|------|
| Basis weight | lb/sqyd | .84 |
| Tensile Strength | lb/in (MD and CD) | 134 |
| Elongation to Break | % | 46 |
| Elmendorf Tear | Grams MD | 1100 |
| Elmendorf Tear | Grams CD | 2400 |
| Breakdown Voltage | kV | 14 |
| Dielectric Constant @ | 23 degrees C % | 2.9 |
| Dissipation Factor @ | 23 degrees C % | 1 |
| Thermal Conductivity @ | 180 degrees C W/m-K | .19 |
| Moisture | % | <1 |

*test data based on the (5-5-5) 15 mil thickness

The information on this data sheet is based on laboratory test data we believe to be accurate, relevant and reliable. Please look upon these values as guides rather than absolutes. Since actual service conditions for a given application may vary substantially from standard laboratory conditions, specific recommendations or warranties relative to a specific end use cannot be made. The buyer is urged to conduct its own investigations and qualification tests to determine suitability for its intended application. Accurate Felt & Gasket Mfg. Co. shall not be liable for any damages arising out of the use of any of its guide specifications.