



**TRINIDAD AND TOBAGO  
BUREAU OF STANDARDS**

## **FIBRE PRODUCTS LABORATORY**

# ***Fibre Testing Services***

The Fibre Products Laboratory is a unit within the Laboratory Services Division of the Trinidad and Tobago Bureau of Standards.

Our services are based on testing capabilities supported by annual, external UKAS (United Kingdom Accreditation Service) assessment of our services, state-of-the-art equipment, extensive training and a rigorous ISO 17025 quality management system which provide quality assurance in our daily processes.

All tests are conducted in strict accordance with national and/or international standards. These services are designed to:

- *Enhanced competitiveness and efficiency*
- *Provide accurate, reliable and consistent test results*
- *Facilitate access to regional international markets*
- *Inspire greater customer confidence and promote increased customer satisfaction*
- *Improve overall business performance*



### **Fabric Quality Testing**

Determination of Fibre ID, Composition, Fabric Count, Identification of Weave Type, Determination of Width and Length, Fabric Weight



### **Fabric Performance Tests**

Colorfastness to Laundering, Dry and Wet Crocking, Perspiration, Breaking Strength, Tear Strength, Dimensional Stability, Pilling, Water repellency



### **Development of Fabric and Design Specifications**

Analysis to determine conformance to specifications



### **Paper and Paper Products, including toilet paper, facial tissue and some packaging material**

Bursting strength of corrugated board, Tear strength of paper, Absorptive Capacity, Weight, Ply, Thickness, Surface Area



### **Safety Footwear**

Impact Resistance, Compression Resistance of safety toecaps, Electrical Resistance, Chemical Resistance  
Construction Assessment: Design specifications, Identification of Sole construction