

BUTEKOM

BURSA TEKNOLOJİ KOORDİNASYON VE AR-GE MERKEZİ A.Ş.

BUTEKOM

Bursa Technology Coordination and R&D Center

www.butekom.org

Companies operating in the sectors we serve;

- To facilitate business processes,
- Improving product quality levels,
- To increase their international competitive competencies,
- To support their transition to innovation-based production processes,
- To guide in digital transformation journeys,
- To increase their individual and corporate awareness in all these areas.

Our Centers

- Textile and Technical Textile Research and Excellence Center
- Advanced Composite Materials Research and Center of Excellence
- Composite Materials and Technical Textile Prototype Production and Application Center
(BUTEXCOMP 10.2021- 04.2024 The project is ongoing)



TEKSTİL VE TEKNİK TEKSTİL
Mükemmeliyet Merkezi



KOMPOZİT MALZEMELER
Mükemmeliyet Merkezi

BUTEXCOMP

Kompozit Malzeme ve Teknik Tekstil Prototip
Üretim ve Uygulama Merkezi Projesi



BUTEKOM
BURSA TEKNİKOLU KOORDİNASYON VE AR-GE MERKEZİ A.Ş.

Service Areas

- Testing Laboratories, (ISO/IEC 17025 accreditation- 48 test)
- Consultancy Services, (LCA, Energy Efficiency vs.)
- Educational Services, (Sectoral Trainings)
- Project and R&D Project Management , (Projects Supported by TÜBİTAK ARDEB, BİDEB and TEYDEB)
- Composite Materials Prototype and Mass Production Services (Butexcomp)





BUTEKOM
BURSA TEKNİKOLU KOORDİNASYON VE AR-GE MERKEZİ A.Ş.

Product Groups Served

- Textile, Ready-to-Wear, and Home Textile Products
- Plastic Rubber Products
- Wooden Products
- Composite Materials
- Building Materials





BUTEKOM
BURSA TEKNİKOLU KOORDİNASYON VE AR-GE MERKEZİ A.Ş.

Sectors Served

- Textile, Technical Textile
- Ready-To-Wear
- Automotive
- Marine Vehicles
- Rail Systems
- Space, Aviation
- Building, Construction
- White Goods



Textile / Technical Textile and Composite Materials Testing Laboratories - I

- Analytical Laboratories

- Material Analysis
- Reverse Engineering
- Fiber/Yarn and Fabric Definitions
- Formaldehyde, pH Determination, etc. Chemical Tests)



- Wet Chemical Laboratories

- Color Fastness Tests
- Dimensional Change Tests
- Technical Textile Tests (waterproofness, etc.)





BUTEKOM
BURSA TEKNİKOLU KOORDİNASYON VE ARA-GE MERKEZİ A.Ş.

Textile / Technical Textile and Composite Materials Testing Laboratories - II

- Combustion Laboratories

- Vertical and Horizontal Combustion Tests on Plastic and Rubber materials
- Flame-Retardant Test
- Protective Clothing Combustion Tests
- Determination of Combustion Behavior and Characteristics
- Smoke Density and Toxicity Testing
- Flooring Parquet, Car Seat Combustion Tests
- Combustion Classification Tests in Textiles





BUTEKOM
BURSA TEKNİKOLU KOORDİNASYON VE AR-GE MERKEZİ A.Ş.

Textile / Technical Textile and Composite Materials Testing Laboratories - II

- Aging Laboratories

- Ozone Aging Test
- Aging in Liquids and Chemicals (plastic rubber test)
- Light Fastness and Artificial Weather Conditions Test
- Aging Test with UV Fluorescent Lamp





BUTEKOM
BURSA TEKNİKOLU KOORDİNASYON VE AR-GE MERKEZİ A.Ş.

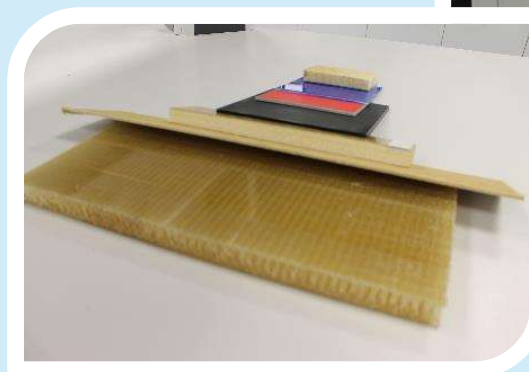
Textile / Technical Textile and Composite Materials Testing Laboratories - III

- Physical Laboratory

- Textile Tearing, Tearing, etc. Performance Tests
- Comfort Tests, Air, Water Vapor, and Thermal Permeability Tests
- Abrasion and Pilling Tests
- Fabric Properties Tests (twist, number, etc.)
- Antistatic Tests (Surface and Vertical Resistance)

- Mechanical Laboratories

- Tensile Pressure Tests
- Impact Tests
- Fatigue Tests
- Non Destructive Testing NDT





BUTEKOM
BURSA TEKNİKOLU KOORDİNASYON VE AR-GE MERKEZİ A.Ş.

Composite Materials Prototype and Mass Production Lines

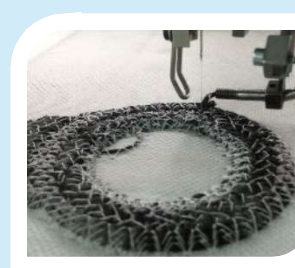
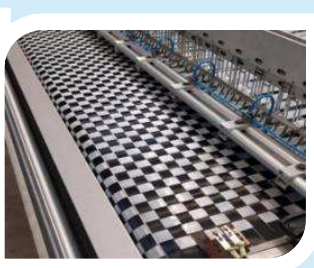
Advanced Composite Production Line

- Radial Knitting
- Tailored Fiber Placement (TFP)
- Composite Tape Webbing (Dornier)
- Filament Winding
- Autoclave
- Prepreg, Towpreg



Composite Production Line

- Resin Transfer Molding (RTM)
- Extruder
- Vacuum Infusion
- Hand Lay-Up
- Thermal Press



Prototyping Line

- Homogenizer
- Spray Dryer
- CNC Trimming, Cutting
- 3D Printer
- Curing Oven

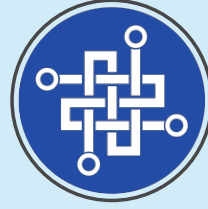
National Laboratory Collaborations

- INTERTEK
- SGS
- TÜBİTAK – BUTAL
- TÜV Nord
- BURSA TECHNICAL UNIVERSITY MERLAB



National - International Collaborations





BUTEKOM

BURSA TEKNOLOJİ KOORDİNASYON VE AR-GE MERKEZİ A.Ş.

BUTEKOM

Bursa Technology Coordination and R&D Center

Murat KURLAR

General Manager
BUTEKOM Inc.



Linkedin



Communication

info@butekom.org

www.butekom.org