



**C&K**  
C&K Testing



**TESTING  
CERTIFICATION  
CONSULTING**

# **RUBBER & PLASTIC TESTING**

C&K Testing— YOUR PROFESSIONAL 3rd-PARTY TESTING PROVIDER  
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## C&K Testing renders you one-stop **Testing Solutions** to **Rubber & Plastic** products



Based on ISO/IEC 17025 management system, accredited by CNAS and CMA, CIRS-C&K Testing Center is a leading 3rd-party testing provider which can render physical and performance testing as well as chemical testing as per a wide range of standards (GB/ISO/ASTM) for rubber and plastic articles. Knowing the top-notch technologies of composition enables us to provide analysis services covering all industries from identification of raw materials, formula analysis of chemicals and physical and performance testing of products thus establishing great reputation in the field of rubber and plastics testing. Our test reports have great credibility and are widely recognised by authoritative agencies and enterprises at home and abroad.

### **OUR TEST EQUIPMENT INCLUDE:**

- Nuclear Magnetic Resonance Spectrometer (NMRS)
- Inductive Coupled Plasma Emission Spectrometer (ICP)
- FT-IR Spectrometer (FTIR)
- Gel Permeation Chromatograph (GPC)
- Rubber Process Analyzer
- Transmission/Scanning Electron Microscope
- Differential Scanning Calorimeter (DSC)
- Thermal Gravimetric Analyzer (TGA)
- Dynamic Viscoelastic Spectrometer
- Ultraviolet Light-resistant Weathering Tester
- High and Low Temperature Tester
- Propane Burning System
- Dupont Impact Testing Machine
- Computer Servo System Controlled Tensile Tester
- Biaxial Testing System
- Mechanics Performance Testing System
- Vacuum Degree Testing Facilities
- Electrochemical Property Tester
- Specific Surface Area Analyzer
- Particulate Size Description Analyzer (PSDA)



## Testing Range

### Performance Testing

Benefit from more than 100 advanced test equipment, CIRS-C&K Testing is able to provide full range of performance testing services as per different standards across the markets.

#### ■ Mechanical Testing

Hardness, tensile, shear and compressive deformation properties;

#### ■ Viscoelasticity Testing

Creeping, stress relaxation, free oscillations properties;

#### ■ Fatigue Testing

Compression flexure tests, flex cracking tests, tensile fatigue tests;

#### ■ Low-Temperature Testing

Low-temperature stiffening, brittleness temperatures, coefficient of low temperature resistance at extension,

#### ■ Abrasion and Wearing Testing

Sliding wearing, rolling wearing, metal spatula wearing;

#### ■ Ageing Testing

Natural ageing, thermal oxidative ageing, ozone ageing, ultraviolet ageing;

#### ■ Electrical Testing

Determination of dielectric constant and breakdown voltage strength, electric conduction and electrostatic prevention.

### Material Composition Analysis

Years' experience in the industries and wide range of analysis equipment enable our team of experts to help you with material composition analysis and quality identification of rubber/plastic articles or during their production/circulation.

#### ■ Plastic Articles

Structural members in electrical and electronic equipment/ structural members in vehicles and vessels/ engineering equipment parts/ packaging materials/ door and window materials/ piping materials of buildings/ waterproof rolling materials/ electric wiring and cables/ sealing components/ medical devices

#### ■ Rubber Articles

Automobile tyres/ rubber shoes/hoses, tape/ buffer shock absorber units/ sealing articles/ electric wiring and cables/ insulation articles/ air control diaphragm

#### ■ Adhesives

Structural adhesives/ sealants/ non-structural adhesives/ potting/ special adhesives/ conductive adhesives/ hot glues/ pressure-sensitive adhesives/ photosensitive glues/ organic silica gel/ white latex/ epoxy adhesives/ polyurethane adhesives/ contact adhesives

#### ■ Paints and Coatings

Decorative coatings/ antifouling paints/ anti-corrosive coatings/ thermal reflective coatings/ waterproof coatings/ latex paints

## Our Advantages

### Vast Testing Range, One-Stop Services

C&K Testing renders full range of testing services for rubber and plastic articles with one-stop test solutions across different markets.

### Great Reliability and Recognition:

Backed by experienced specialists, C&K Testing boasts great reliability of the data in our test reports which are widely recognised by authorities at home and abroad.

### Authority of Third-party Reports:

Third-party test reports are usually more persuasive and in a larger applicable scope than traditional ones, thus having greater authority in compliance of local and international laws and regulations to ensure smooth transaction.

### Lower Test Costs, Shorter Test Periods

You can benefit from our integrated testing services with the most preferential prices in an efficient manner. The test charges are generally 20% to 50% off (compared with the market price) and the test duration is two business days at shortest. (The actual test duration shall be subject to specifics.)



## OUR CUSTOMERS

**Hisense**

**D&D** 地恩地

**HEXPOL**  
A Material Difference

**Haier**

**aneng**  
安能

**南回橡胶**  
Nanhui Rubber

**LANXESS** 朗盛  
Energizing Chemistry

**Rhodia**

**HANHE**

**Great Wall**  
Focus Dedication Specialization

**GOODYEAR**

**zc rubber**  
中策橡胶

**玲珑轮胎**

**AEOLUS**  
风神轮胎

**SINOCHEM**

\* Only some of our customers are listed.  
(Names are listed in a random order)



**Contact Us**

### C&K Testing

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