

Polymer Property Test

DJK could conduct physical property tests and measurements for polymeric materials such as resin materials, composite materials, rubber, and elastomers.

<DJK Characteristics>

- ① Comply with physical property tests based on various standards such as JIS and ISO
- ② Using precision-controlled testing and measuring equipment
- ③ From preparation of the test specimens to testing, we offer One-Stop service.

<Function of DJK>

Mechanical property	Electrical property	Flammability	Transparency and optical properties	Friction and wear property
<ul style="list-style-type: none">• Tensile property• Flexural property• Compressive properties• Shear property• Impact resistance• Tearing test• Poisson's ratio• Indentation hardness	<ul style="list-style-type: none">• Insulation and resistance• Dielectric property• Arc resistance• Dielectric strength• Anti-tracking• Electrostatic properties	<ul style="list-style-type: none">• UL94 burning test• FMVSS No.302• Oxygen index• Flash point and ignition point• Glow-wire• Needle frame• Calorific value	<ul style="list-style-type: none">• Water-vapor permeability• Gas permeable• Fuel permeability• Refractive index• Ratio of transmitted light ray• Haze• Color-difference	<ul style="list-style-type: none">• Sliding Characteristic• Taber wear• Coefficient of static and dynamic friction



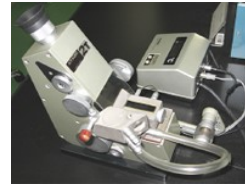
Universal testing machines



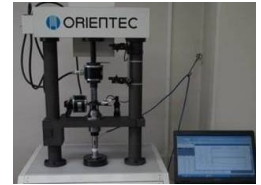
Tracking resistance tester



Burners for UL burning tests



Abbe refractometer



Sliding wear tester



Digital impact tester



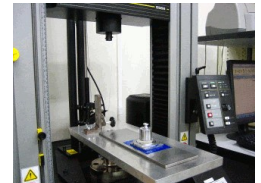
Arc resistance tester



Glow wire tester



Light transmittance measurement



Coefficient of friction test

- ① We can measure a wide range of physical properties, including mechanical properties, thermal properties, electrical properties, and combustibility.
- ② Special evaluation tests that deviate from standard-compliant tests are also supported. We propose an evaluation method that meets your objectives.