



MICROTEK LABORATORIES

**Quality Testing For
Resins, Compounds
& Composites**

The bottom half of the page features a close-up, slightly blurred photograph of a white, curved object, likely a dental composite or resin sample. The object is set against a dark, textured background, possibly a laboratory surface or a piece of equipment. The lighting is soft, highlighting the smooth, glossy surface of the material.

**Proven experience
and leadership
from a leading
independent
test lab.**

**At your
service.**



Quality Testing At Microtek Labs

Microtek's capabilities extend beyond those of a typical test facility. Through active involvement in professional industry groups and continuing education programs, Microtek has earned a reputation for uncommon insight and visionary thinking. Microtek is helping companies shape the future direction in the development of materials, resins & composites.

The skilled and experienced staff at Microtek are often consulted as experts on various materials test and R&D development issues. They share much of their knowledge through articles and active participation in trade associations. As a test authority, Microtek puts its expertise to practical use — providing quality solutions for its customers most stringent standards.

Microtek has the unequaled capability of assisting you with achieving your plans and goals for the future. When growth, expansion or production difficulties require you to search for additional resources, turn to Microtek for testing, research and development and technical consulting assistance.



Microtek Laboratories is Registered to ISO 9001:2000 and ISO/IEC Guide 17025, IECQ approved, DSCC Recognized and acts as an UL Certificated Engineering and Administrative Agency.

UL TEST SERVICES FOR THE FOLLOWING CATEGORIES:
• ZPMV2 • ZPXK2 • QMTS2 • QMJU2 • QMFZ2 • OCDT2

Resins/Compounds

Testing by ASTM Method Performed At Microtek Labs

D149 – Dielectric Breakdown Voltage & Strength (Material >0.020" thick)

D149 – Dielectric Strength

D149 – Electric Strength of Material <0.020" Thick

D256 – Izod Impact Test

D257 – DC Resistance Insulating Materials

D412 – Tensile - Elastomer Properties (Test Method A)

D495 – High-Voltage, Low Current Dry Arc Resistance

D570 – Water Absorption of Plastic Materials

D638 – Tensile Properties of Thermoplastic Materials

D648 – Deflection Temperature of Plastic Material Under Load

D695 – Compressive Strength

D790 – Flexural Properties of Plastics

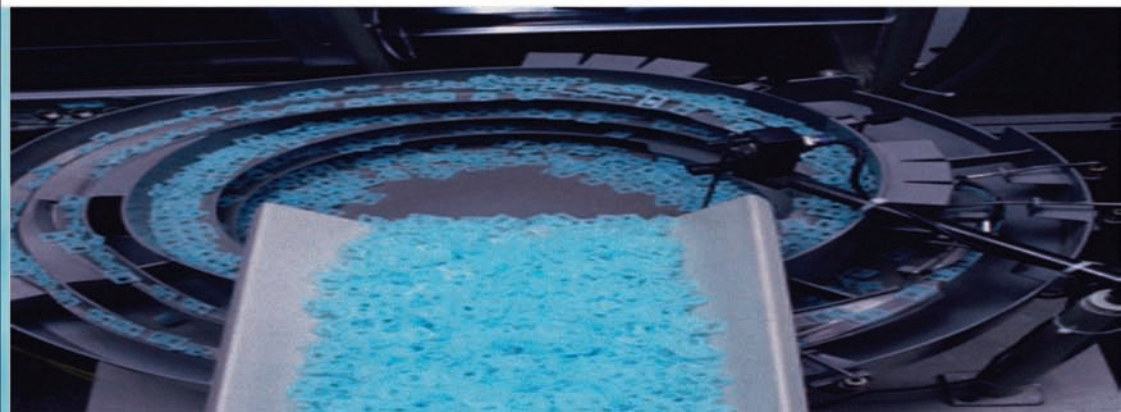
D792 – Specific Gravity of Polymers

D882 – Tensile Strength - Thin Polymeric Sheeting (Bias or

D903 – Bond Strength Properties of Adhesives - Peel Strength

D1002 – Bond Strength Properties of Adhesives - Lap Shear

D1042 – Changes in Linear Dimensions of Plastic Material



Composite Materials

Testing by ASTM Method Con't.

D1525 – Vicat Softening Point of Plastic Materials

D1622 – Density Determination of Foamed Polymer Material

D1781 – Climbing Drum Peel Test

D1822 – Tensile Impact Test

D1876 – Bond Strength Properties of Adhesives T-Peel

D2095 – Bond Strength Properties of Adhesives - Butt Joint

D2583 – Barcol Hardness

D3418 – Differential Scanning Calorimetry (DSC)

D3638 – Comparative Tracking Index (CTI)

D3874 – Hot Wire Ignition (HWI)

D5045 – Fracture Toughness

E1640 – Dynamic Mechanical Analysis (DMA)

IEC 0695-213 – Glow-Wire Flammability (Ignitability) for End Products

IEC 60695-2-11 – Glow-Wire Flammability (Ignitability) for End Products

IEC 60695-2-12 – Glow-Wire Flammability for Materials

IEC-695-10-2 – Ball Pressure Test

UL 94 – Flammability



Contact Us To Discuss Your Test Requirements

Microtek Laboratories

1435 Allec Street • Anaheim, CA 92805

Tel: 714-999-1616 or 1-800-878-6601

Fax: 714-999-1636

www.thetestlab.com

