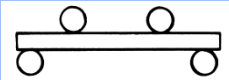




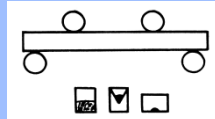
# Committee C28 Advanced Ceramic Standards

Visit the C28 website (<http://www.astm.org/COMMITTEE/C28.htm>) to purchase C28 standards or to join Committee C28.

## Monolithics



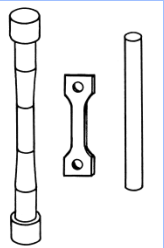
- C 1161 Flexural Strength (RT)
- C 1211 Flexural Strength (HT)
- C 1368 Slow Crack Growth (RT, Dyn Fatigue)
- C 1465 Slow Crack Growth (HT, Dyn Fatigue)
- C 1576 Slow Crack Growth (RT, Stress Rupture)
- C 1684 Flexural Strength (Rods)
- C 1834 Slow Crack Growth (HT, Stress Rupture)



- C 1421 RT Fracture Toughness



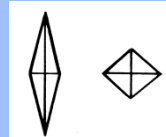
- C 1322 Fractography
- C 1678 Fracture Mirror



- C 1424 Compression Strength (RT)



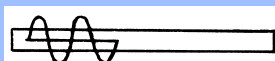
- C 1326 Knoop Hardness
- C 1327 Vickers Hardness



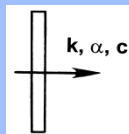
- C 1273 Tensile Strength (RT)
- C 1291 Creep, Creep Rupture
- C 1366 Tensile Strength (HT)
- C 1361 Cyclic Fatigue



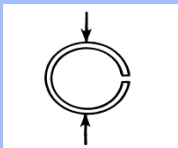
- C 1499 Biaxial Strength (RT)



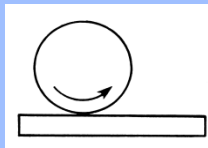
- C 1198 Elastic Modulus - continuous
- C 1259 Elastic Modulus - impulse



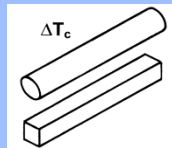
- C 1470 Thermal Guide



- C 1323 C-ring Strength



- C 1495 Grinding

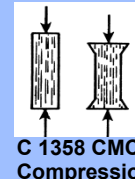


- C 1525 Thermal Shock

## Composites, Coatings, Porous Ceramics



- C 1275 CMC Tensile Strength (RT)
- C 1337 CMC Creep, Creep Rupture
- C 1359 CMC Tensile Strength (HT)
- C 1360 CMC Cyclic Fatigue
- C 1773 CMC Tube Axial Tensile (RT)
- C 1869 CMC Open Hole Tensile (RT)



- C 1358 CMC Compression Strength



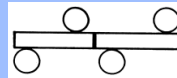
- C 1468 CMC Tensile Strength Trans Thickness



- C 1862 End Plug Adhesion



- C 1819 and C1863 Hoop Tensile Strength of CMC Tubes



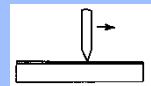
- C 1469 CMC Joint Strength



- C 1341 CMC Flexure Strength
- C 1674 Honeycomb Flex Strength



- C 1557 Filament Strength & Stiffness

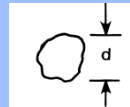


- C 1624 Coatings - Scratch Adhesion

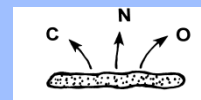
- C 1783 Guide for Specs C-C Composites
- C 1793 Guide for Specs SiC-SiC CMCs
- C 1835 Classification for SiC-SiC CMC
- C 1836 Classification for C-C Composites

- C 1292 CMC Shear Strength (RT)
- C 1425 CMC Shear Strength (HT)

## Powders



- C 1070 Particle Size, Laser Light
- C 1274 Particle Size, BET
- C 1282 Particle Size, Centrifugal Sed
- C 1730 Particle Size Distribution, X-Ray Gravity Sedimentation

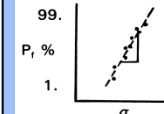


- C 1494 C, N, O in silicon nitride

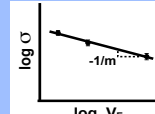
### Subcommittees

- C28.01 Mech. Prop. + Reliability
- C28.03 Physical Prop. + NDE
- C28.04 Applications
- C28.07 Ceramic Matrix Composites
- C28.91 Terminology

## NDE and Design



- C 1239 Weibull



- C 1683 Weibull Scaling



- C 1212 Seeded Voids
- C 1336 Seeded Inclusions



- C 1175 NDE Guide

## Terms, Workshops, Education



- STP 1201 Life Prediction
- STP 1309 Composites
- STP 1392 Composites
- STP 1409 Fracture



- C 1145 Terminology