



ASTM Advanced Ceramics Standards

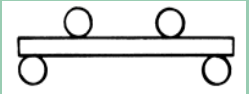
www.astm.org

Choose technical committees on the left
Then choose C28

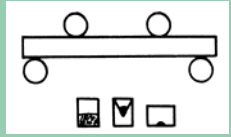
Committee C 28 46 in 2008

Note: items in grey text have been dropped or are no longer active.

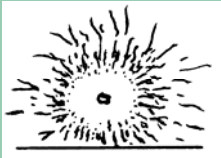
Monolithics



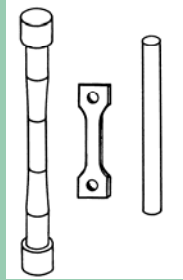
- C 1161 Flexural strength
- C 1211 Flexural strength (High Temp)
- C 1368 Slow Crack Growth (Dynamic Fatigue)
- C 1465 Slow Crack Growth (High Temp)
- C 1576 Slow Crack Growth (Stress Rupture)
- C 1684 Flexural strength (Rods)



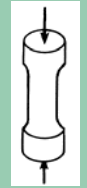
C 1421 Fracture Toughness



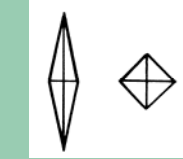
C 1322 Fractography
C 1678 Fracture Mirror



- C 1273 Tension strength
- C 1366 Tension strength (High T.)
- C 1291 Creep, Creep Rupture
- C 1361 Cyclic fatigue



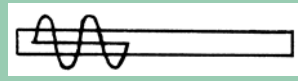
C 1424 Compression strength



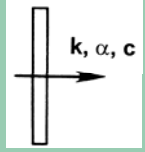
C 1326 Knoop hardness
C 1327 Vickers hardness



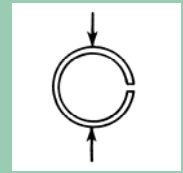
C 1499 Biaxial strength



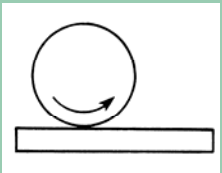
- C 1198 Elastic Modulus - continuous
- C 1259 Elastic modulus - impulse



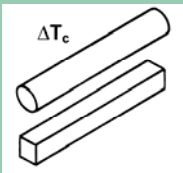
C 1470 Thermal Guide



C 1323 C-ring strength



C 1495 Grinding



C 1525 Thermal shock

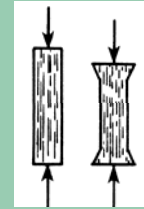
Composites



- C 1275 Tension strength
- C 1359 Tension strength (High Temp)
- C 1337 Creep, Creep Rupture
- C 1360 Cyclic fatigue



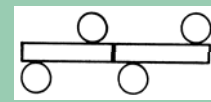
C 1468 Tension Trans thickness



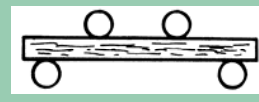
C 1358 Compression



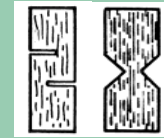
C 1557 Tensile strength and Elastic modulus



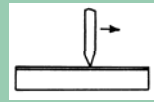
C 1469 Joint strength



C 1341 Flexure strength

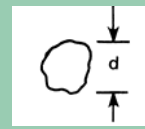


C 1292 Shear strength
C 1425 Shear strength (High T.)

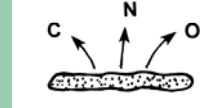


C 1624 Coatings - Scratch Adhesion

Powders

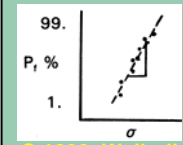


- C 1251 Particle size, BET Guide
- C 1274 Particle size, BET
- C 1282 Particle size, Centrifugal Sed.

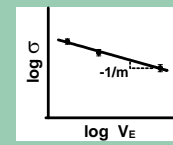


C 1494 C, N, O in silicon nitride

NDE and Design



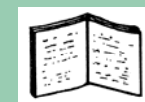
C 1239 Weibull



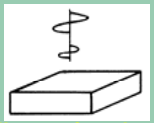
C 1683 Weibull Scaling



C 1212 Seeded voids
C 1336 Seeded inclusions



C 1175 NDE Guide

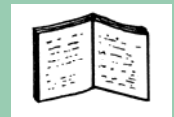


C 1331 Ultrasonic velocity
C 1332 Ultrasonic attenuation

Terms, Workshops, Education



- STP 1261 Life Prediction
- STP 1309 Composites
- STP 1392 Composites
- STP 1409 Fracture



C 1145 Terminology
C 1286 Classification

- #### Subcommittees
- .01 Mech. Properties, Performance, Reliability
 - .02 Reliability (- 2008)
 - .03 Physical Prop. , Performance, NDE Applications
 - .04 Char. And Processing (- 2004)
 - .07 Ceramic Matrix Composites
 - .91 Terminology
 - .94 ISO TAG