



Standards for the Determination of Physical Properties of Schunk Carbon Materials

Testing of Carbon Materials Determination of flexural strength by three point method	DIN 51902
Testing of Carbon Materials Determination of compressive strength	DIN 51910
Testing of Carbon Materials Determination of specific electrical resistance by the current voltage method	DIN 51911
Testing of Carbon Materials Determination of dynamic modulus of elasticity by the resonance method	DIN 51915
Testing of Carbon Materials Rockwell hardness test - ball indentation method	DIN 51917
Testing of Carbon Materials Determination of bulk density by buoyancy method and the open porosity by impregnation with water	DIN 51918
Testing of Carbon Materials Determination of ash value	DIN 51903
Testing of Carbon Materials Determination of thermal conductivity at room temperature by means of a comparative method	DIN 51908
Testing of Carbon Materials Determination of the linear thermal expansion coefficient of solid carbonaceous materials	DIN 51909



Standards for the Determination of Physical Properties of Schunk CFRC (C/C) and CFRP Materials

Determination of flexural strength by three point method
according to DIN 29971, edition 07/1986

Testing of Carbon Materials DIN 51910
Determination of compressive strength

Testing of Carbon Materials DIN 51911
Determination of specific electrical resistance
by the current voltage method

Testing of Carbon Materials DIN 51915
Determination of dynamic modulus of elasticity
by the resonance method

Testing of Carbon Materials DIN 51917
Rockwell hardness test - ball indentation method

Testing of Carbon Materials DIN 51918
Determination of bulk density by buoyancy method
and the open porosity by impregnation with water

Testing of Carbon Materials DIN 51903
Determination of ash value

Testing of Carbon Materials DIN 51908
Determination of thermal conductivity at room temperature
by means of a comparative method

Testing of Carbon Materials DIN 51909
Determination of the linear thermal expansion coefficient
of solid carbonaceous materials

Advanced Technical Ceramics DIN EN 658-1
Mechanical Properties of Ceramic Composites at room temperature
Part 1: Determination of tensile properties

Advanced Technical Ceramics DIN EN 658-2
Mechanical Properties of Ceramic Composites at room temperature
Part 2: Determination of compression properties

Advanced Technical Ceramics DIN EN 658-3
Mechanical Properties of Ceramic Composites at room temperature
Part 3: Determination of flexural strength

Advanced Technical Ceramics DIN EN 658-5
Mechanical Properties of Ceramic Composites at room temperature
Part 5: Determination of interlaminar shear strength
by short span bend test (three-points)