



CE 221 (Cyanatester)

Alternative Designations

Cyanatester

Key Features

Thermally stable • Excellent heat deflection • High stiffness and strength

Description

This material is a thermosetting plastic that is used in many industrial and commercial applications. It is known for its high strength and stiffness and its resistance to heat, chemicals, and UV light. CE 221 is often used in the aerospace industry, as well as in the electronics and automotive industries.

Mechanical Properties

Tensile modulus	3900 MPa
Tensile strength	85 MPa
Elongation at break	3%
Flexural strength	130 MPa
Flexural modulus	3.8 GPa
Hardness (Shore D)	92

Thermal Properties

Heat deflection temperature (1.80 MPa)	200°C
Heat deflection temperature (0.45 MPa)	230°C

Physical Properties

Density	1.2 g/cm ³
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Reference

Datasheets provided by Xometry contain materials sourced through trusted OEMs, material distributors, and databases. Please visit Materialdatacenter.com for further information on this material.