

Ultracur3D RG9400

Key Features

Flame retardancy • High heat resistance •
Stiffness • Low moisture absorption •
Smooth surface • High Resolution

Applications

Electronics • Automotive • Engineering •
Aerospace • Machine building

Product Description

Ultracur3D® RG 9400 is a rigid, flame-retardant resin offering high stiffness, excellent heat deflection, and superior flame resistance, ideal for engineering, automotive, and electronic applications demanding both mechanical strength and safety compliance.

Properties

Tensile modulus	4200 MPa
Tensile strength	78 MPa
Elongation at break	3 %
Flexural strength	115 MPa
Flexural modulus	3400 MPa
Heat deflection temperature (0.45 MPa)	280 °C
Heat deflection temperature (1.80 MPa)	152 °C
Density	1.32 g/cm ³
Hardness	88 D
Flame retardancy	UL 94 V-0 (3 mm)

Reference

For more detailed source information, please consult the original document linked here. We encourage users to verify the data's relevance and suitability for their specific needs.

