

Blocks and billets for high temperature applications up to +700°C

Sheets available as single moulded pieces 1245mm x 940mm.
Thickness available 12mm to 75mm

Also available:

- Smaller size cut pieces
- Larger support blocks (joined and laminated)
- Special shapes and drilled pieces

Typical material properties:

Compressive strength (at 20 ⁰ C) M Pa	90
Compressive strength (at 350 ⁰ C) M Pa	38
Compressive strength (at 500 ⁰ C) M Pa	31
Compressive strength (at 700 ⁰ C) M Pa	29
Flexural strength (at 20 ⁰ C) M Pa	30
Flexural strength (at 350 ⁰ C) M Pa	16
Flexural strength (at 500 ⁰ C) M Pa	13
Flexural strength (at 700 ⁰ C) M Pa	13
Density g/cu cm	1.6
Thermal conductivity (at 20 ⁰ C) W/m K	0.4
Impact strength (at 20 ⁰ C) kJ/sq mm	4
Impact strength (at 700 ⁰ C) kJ/sq mm	2.4

The information presented in this data sheet has been obtained from laboratory test specimens and does not necessarily reflect the properties of any particular component due to manufacturing constraints. We would be pleased to advise design data for your specific applications. We reserve the right to change the information on this document without prior notice.

Atlantic Supports *Engineering* Ltd

Tel: +44 (029) 20 708461, Fax +44 (029) 20 350437
E-mail: sales@atlantic-supports.co.uk

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