

EG 120

CELLULAR GLASS INSULATION SUMMARY INFORMATION SHEET

EG 120 CELLULAR GLASS:

A highly efficient, impermeable insulation material suitable for temperatures between -260°C and +430°C. Totally inert and non-combustible, cellular glass is suited to arduous cryogenic temperature cycles as well as ambient conditions in building and construction applications.

GENERAL INFORMATION

APPEARANCE: Grey/black rigid insulation

PRODUCT FORM

Flat Block: 450 x 600mm up to 160mm thick

Pipe Section: Up to 36" NB pipe (600mm long)

Bends, Elbows, R&B Lags etc

TEMPERATURE TOLERANCES

-260°C

430°C

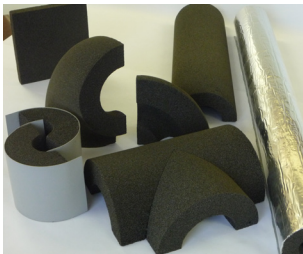
PRODUCT APPLICATION

The material is ideal for cryogenic and low temperature applications, particularly in Petrochemical, Gas Processing and Offshore Exploration sectors. Other areas of application include H&V systems, chilled water lines and wall/roof/floor insulation in construction sectors.

Anglitemp manufactures its products under ISO9001 accredited quality procedures.

The above information is a summary of typical performance under test conditions and due to variables on site should not be regarded as a form of product guarantee.

Additional information on this range of products can be obtained from our Sales Department.



TYPICAL PRODUCT PERFORMANCE

EG 120

Density:	120kg/m ³ ±10%
Compressive Strength:	700kPa
Thermal Conductivity @10°C:	0.041W/mk
Linear Expansion Coefficient:	9 x 10 ⁻⁶
Water Vapour Perm:	μ ≥ 40,000
Chloride Content:	< 20 ppm
Fire Performance:	Non-Combustible
Product Standard:	-

EN

Density:	EN 822/823/1602
Compressive Strength:	EN826
Thermal Conductivity @10°C:	EN 12667
Linear Expansion Coefficient:	EN 1604
Water Vapour Perm:	EN 12086
Chloride Content:	EN 13468
Fire Performance:	-
Product Standard:	EN ISO 14305

ASTM

Density:	C303
Compressive Strength:	C165
Thermal Conductivity @10°C:	C177
Linear Expansion Coefficient:	-
Water Vapour Perm:	-
Chloride Content:	-
Fire Performance:	E84
Product Standard:	C552