

BLUE PEARL

Technical Data

Petrographic information:

Magmatic rock, syenite
(larvikite according to origin)

Key minerals:

Anorthoclase (80-85%)

Accessory minerals:

Biotite, augite, olivine, nepheline,
hemo-ilmenite, apatite, magnetite,
hematite

Geological age:

Permian (250 Ma)

Chemical analysis:

N/A

Properties

Flexural strength (EN 12372):

14,3 ± 1,3 N/mm

Resistance to wear(EN 14157):

12,5 ± 0,5 mm

Dynamic elastic modulus:

Frost resistance (EN 12371):

Heat and water test reaction:

Hardness (MOHS):

6 - 6.5

Apparent density (EN 1936):

2711 ± 5,5 kg/m³

Porosity (EN 1936):

0,18 ± 0,05 volume%

Water absorption (EN 1936):

0,07 weight%

Compressive strenght (EN 1926):

229 ± 19,5 N/mm²