

BASALDUR VC®

Neumann Mineralgusstechnik

Mineral casting is our strength

Material Properties of BASALDUR VC®

NMT BASALDUR VC® is a mineral cast of defined components, whinstone and crystal quartz as well as a binder based on epoxy resin.

Density	ca. 2,3 - 2,38 g/cm ³
Elastic Modul	30-40 KN/mm ²
Compressive strength	130-150 N/mm ²
Tensile strength	10-12 N/mm ²
Bending strength	33-39 N/mm ²
Number of cross-contraction μ	0,35
Thermal expansion coefficient	0,016-0,017 mm/ m
Heat resistance	ca. 85°C
Thermal conductivity λ_D :	ca. 2,1 - 1,9 W/(m.K)
Resistance:	PH 4 – PH 14
Damping rate	0,06
Colour	whinstone-gray

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