



MOLOCHITE DATA SHEET

Typical Properties:

Mineralogical Composition by X-ray diffraction (mass %)

Mullite	55
Amorphous material	45

Thermal expansion.

Coefficient of expansion 20-1000°C	4.44 x 10 ⁻⁶
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Specific Gravity	2.27
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True Porosity (vol. %)	8
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Refractoriness:

Initial deformation	1750-1770°C (Cone 34-35)
Squatting	+ 1770°C

Hardness.

Moh's scale	7-8
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Chemical analysis:

SiO₂ 54.5%

TiO₂ 0.07%

CaO 0.06%

MgO 0.31%