

PETROGRAPHIC PROPERTIES



Natural Sample

Nome: Matterhorn Exotic White

Type: Quartzite

Location: Bahia – Brazil

MINERALOGICAL COMPOSITION (%)

Quartz	97%
Grenade	3%
Biotite	Feature
Opaque minerals	Feature

PHYSICAL - MECHANICAL CHARACTERISTICS

Apparent Dry Density (kg/m ³):	2648,41
Water Absorption (%):	0,100
Apparent Porosity (%):	0,266
Flexural Resistance (Mpa):	28,27
Compressive Strength (Mpa):	159,17

SOURCE: CEPED – Centro de Pesquisas e Desenvolvimento
COMED – Coordenação de Mecânica dos Solos e Edificações
LEC – Laboratório de Engenharia Civil