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The Individual Properties Of ®SIGRABOND Are Determined By Various Factors, Namely The Type Of Fiber, Fiber Content, Fiber Arrange-ment, Matrix Materials Layer Build-up, Densification, Thermal Treatment And Any Upgrading. Carbon Fiber-reinforced Carbon (CC) Can Thus Be Adapted To Each Individual Profile Of Requirements Or Desired Component Design. Jan 1th, 2024

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Mass Heat C (J/kg °C) Volumetric Heat Capacity ρc (J/ M3 °C) Thermal Conductivity λ (W/m °C) Soil Skeleton (clay Mineral)
2620 900 2.36×10^6 2.92 Water 1000 4180 4.18×10^6 0.56 Ice 917 2100 1.93×10^6 2.24 The Unfrozen Water Content Plays
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Affected By The Gravity Force. The Simulation Of The Container Motion Is Done By ABAQUS/Explicit, Taking Into Account The
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