

Fiber tail fiber has a large recovery effect





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Biotechnological breakthrough to cattail fiber as an ultra-efficient

In this paper we have studied the mechanism and kinetic parameters of the sorption process by cattail fiber as natural oil sorbent, its performance characteristics.

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Mechanical properties and energy damage evolution

This paper studies mechanical properties and energy damage evolution of fiber-reinforced cemented sulfur tailings (CSTB) backfill. The effects

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Understanding Bacteriophage Tail Fiber

The major limitation of this technology is the generation of a large plasmid library (~10¹² to 10¹⁵) for creating multiple simultaneous mutations in the tail genes . For widening the host range of T3

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Microstructure evolution and mechanical behavior of foamed

Laboratory findings demonstrate the reinforcing effect of three fibers on FCTB specimens: glass > polypropylene > basalt. FR-FCTB showed the best strength features as a fiber

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Grain-size composition effect on flexural response and pore structure

This paper explores the grain-size composition effect on flexural and micro-structural features of fiber reinforced cementitious tail-rock fill (FRCTR



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The impact of dietary fiber consumption on human health: An umbrella

Nearly a decade ago, our team published the first umbrella review on dietary fiber impact on human health, finding significant associations between high fiber intake and reduced risks of

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(PDF) Analytical and Experimental Analysis of the

The model findings showed significant reduction in recovery time of 25% and 41% when the fiber content increased from 20% to 25% and 30%,

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Grain-size composition effect on flexural response and pore structure

This paper explores the grain-size composition effect on flexural and micro-structural features of fiber reinforced cementitious tail-rock fill (FRCTRF). The FRCTRF mixes considered

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Polypropylene Fiber's Effect on the Features of

In undercut-and-fill mining, backfills show weak tensile strength and poor ductility properties since they act as artificial pillars to support stope roofs.

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Tail fiber function and structure , Bacteriophage T4 Tail

Bacteriophages T2, T4 and T6 were the first members of what has come to be described as the T-even family of viruses, more properly the Myoviridae (Kutter et

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Functional domains of Acinetobacter bacteriophage tail fibers

The potential use of depolymerases for therapy against *A. baumannii* has been studied and demonstrated in mouse models with a promising therapeutic effect (Liu et al., 2019a; Oliveira et al.,

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Understanding the Physics of Functional Fibers in the

Enduring misconceptions about the physical effects of fiber in the gut have led to misunderstandings about the health benefits attributable to insoluble

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Effect of fiber surface treatment on mechanical, interfacial,



and

Surface treatment of cattail, a lignocellulosic renewable fiber, was investigated to determine the conditions that would reduce moisture absorption while maximizing the properties of cattail fiber

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Effect of natural fish tail palm fiber on the workability and

Abstract To improve the pre-cracking behavior and post peak strength of concrete composites, a new variety of natural fiber called Fish Tail Palm Fibers

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Effect of natural fish tail palm fiber on the workability and

To improve the pre-cracking behavior and post peak strength of concrete composites, a new variety of natural fiber called Fish Tail Palm Fibers

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Effect of chemically treated fish tail palm fiber and bio borassus

Biofibers are used to develop ecofriendly products for the automotive and construction industries. These industries are evolving towards using natural fibers (NFs) with good damping

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Thermomechanical experiment and analysis on shape recovery

In actual applications, the fiber reinforcement is effective for ensuring the sustainability of the deployed structures. However, while the fiber reinforcement has advantages for increasing the

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Microstructure evolution and mechanical behavior of foamed cement

Microstructure evolution and mechanical behavior of foamed cement-based tail backfills under varying fiber types and concentrations

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Polypropylene Fiber's Effect on the Features of

This study addresses the reinforcing effect of polypropylene (PP) on the strength features of combined cement-based tailing backfill (CCTB) with

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Grain-size composition effect on flexural response and pore structure

Request PDF , On Oct 1, 2024, Hao Qin and others published Grain-size composition effect on flexural response and pore structure of cementitious tail-rock fills with fiber reinforcement , Find



Microstructure evolution and mechanical behavior of foamed cement

In particular, employing fibers could substitute a large portion of binder, thus dropping production prices and increasing tail utilization and reducing CO₂ emissions.

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Microstructure evolution and mechanical behavior of foamed

In particular, employing fibers could substitute a large portion of binder, thus dropping production prices, increasing tail utilization, and reducing CO₂ emissions.

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Effect of Fiber Reinforcement Type on the Performance

Polyethylene and glass fibers are the most commonly used fibers in that purpose; each type has its own advantages over the other type. Therefore,

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Exploring Pore Structure Features, Crack Propagation

Fiber-reinforced foam tail fill (FRFTF) has been widely investigated in the field of foamed backfill because of its high strength and toughness. However,

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C-Fiber Recovery Cycle Supernormality Depends on Ion

The increase in superexcitability during this recovery cycle depends upon their immediate firing history of the axon, but also determines the instantaneous firing frequency that encodes pain

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