

Search

SEARCH

Special Book Collection

SPECIALIZED COLLECTIONS:


Solar Cells: Research and Development of Solar Cells

Author: Dr. Stanislav Kolisnychenko

SHOW DETAILS

ALL BOOKS



 Journals

 Books

Forthcoming Books

[All Forthcoming Books](#)

from Organic Contaminants by
Using Biochar

p.258

Synthesis of ActivaTED Carbon
from Plant Raw Materials by a
Self-Activation Modified
Method

p.266

Ecological Aspects of Clay
Sorption Materials Usage in
Leather and Fur Production
Technologies

p.276

Utilization of Galvanic
Enterprises Sewage

p.282

Ash-Slag Waste of the Coal-
Fired Thermal Power Plant as a
Resource for the Construction
Industry


p.290

Technology Placement of
Drilling Waste Storage with the
Use of Soil Cement Screens

p.296



alus, which was tested by the authors in laboratory and industrial conditions in the article, is presents. After drying at a certain temperature, the manufactured samples are tested for strength. Properties of refractories based on inorganic glue are characterized by increased water resistance due to treatment with a cement solution. Based on experimental studies, the authors are presents the results of testing samples for strength with dry and wet aluminum-oxide abrasive. According to the test results, it was found that the specific density of the obtained samples increased from 0,57 to 0,9 g/cm³ with increasing glue content, while the strength decreased. Compositions with a low glue content had for the most strength.

ADD TO CART 

Info:

Periodical: [Materials Science Forum](#) (Volume 1038)



Edited by: Volodymyr Andronov

Pages: 282-289

DOI: <https://doi.org/10.4028/www.scientific.net/MSF.1038.282>

Citation: [Cite this paper](#)

Online since: July 2021

Authors:  [Ludmyla Chernyshova*](#), [Sergei Movchan](#), [Stepan Epoyan](#) 

Keywords: [Electrocorundum](#), [Heavy Metal Hydroxides](#), [Phosphoric Acids](#), [Sulfuric Acids](#), [Wastewater Sludge](#)

Export: [RIS](#), [BibTeX](#)

Price: 36.00 €



Materials Science Forum
Vol. 1028



[...more](#)

Ecological Aspects of Clay Sorption Materials Usage in Leather and Fur Production Technologies

276

Authors: Myroslav Malovanyy, Oleg Blazhko, Halyna Sakalova, Tamara Vasylynch

Abstract: The work is devoted to solving the current problem of increasing the level of environmental safety of treatment industrial

[...more](#)

Materials Science Forum
Vol. 1027



Materials Science Forum
Vol. 1026



Utilization of Galvanic Enterprises Sewage

282

Authors: Ludmyla Chernyshova, Sergei Movchan, Stepan Epoyan

Abstract: A method for obtaining refractories based on inorganic glue as a reaction product of sludge from electroplating shops with sulfuric

[...more](#)

Ash-Slag Waste of the Coal-Fired Thermal Power Plant as a Resource for the Construction Industry

Authors: Viktor Kolokhov, Lina Moroz, Andrey Romin, Volodymyr Kovregin

Abstract: The article presents a study of the physical and technical properties of ash and slag waste Coal Power Plant. The main problem

[...more](#)

Technology Placement of Drilling Waste Storage with the Use of Soil Cement Screens

296

Authors: Olena V. Mykhailovska, Mykola L. Zotsenko

Abstract: The authors of the article analyze the known technological solutions for the disposal of waste from drilling wells. The authors

[...more](#)



0