

Mica ceramic solar container

The aim of this work is to prepare the transparent glass-ceramic that contains mica crystals that possesses machinable properties. The study will be extended to investigate coloration in ...

Global industrial heat constitutes approximately two-thirds of the energy demand within the industrial sector. The utilization of Phase Change Composites (PCCs) for storing solar energy ...

Mica has abundant uses across modern industries due to its unique properties. In electronics, it is used as an insulator and capacitor. In cosmetics, it provides shimmer and gloss to ...

In this study, we introduce a method for replacing the glass used in existing display electronic materials, lighting, and solar cells by synthesizing a colorless and transparent polyimide ...

In today's dynamic energy landscape, harnessing sustainable power sources has become more critical than ever. Among the innovative solutions paving the way forward, solar energy ...

Abstract The Li-added nanocrystalline sodium-mica glass-ceramic was synthesized through an aqueous sol-gel technique. The structural phase and microstructural characteristics of the ...



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