

عنوان مقاله:

Investigation Of Dissolution Ag and Cu In Cu-Ag Nanocomposite By Using Mo interface

محل انتشار:

همایش ملی مهندسی شیمی (سال: 1388)

تعداد صفحات اصل مقاله: 6

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خلاصه مقاله:

In this investigation, Initially, Copper and Silver powders were milled at 30h. In the next step, primarily milled Copper and Molybdenum powders and then milled Silver powder were compressed under 250 Mpa, by using metallic die. These compacts samples were heated at 1 hour at 473 K and 673 K. Samples were studied by SEM and XRD. The results prove that the forming of supersaturated solid solution and decomposing to Cu-Ag nanocomposite. SEM images show that there is little diffusion at 473 K while has been increased at 673 K.

کلمات کلیدی:

Copper, Silver, Nanocomposite, Molybdenum, Interface

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