

Rheological Properties of Gels of Gelatin with Sodium Alginate

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Abstract - Effect of anionic polysaccharide, sodium alginate, on the rheological characteristics of gelatin gels is studied. It follows from the rheological curves that low-temperature gelatin gels with sodium alginate can be classified with elastoviscoplastic systems. Multicomponent gels obtained with the two gel-forming agents demonstrate synergism of the rheological characteristics.