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Research the two-component system of sebacic acid – adipic acid

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Abstract

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In a two-phase equilibrium system of sebacic – adipic acid were studied by differential thermal analysis (DTA). Found eutectic composition with a melting point of 120 °C, containing (wt.%) adipic acid – 46.3%, sebacic - 53.7%. Study of the system of dibasic organic acids is of interest for practical use as a heat accumulating material.