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Characterization of Electrical Properties Of (PVA-LiF) Composites

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ABSTRACT

Composites consisting of poly-vinyl alcohol as matrix and lithium fluoride as a filler has been investigated with different percentages of lithium fluoride are (0,5,10, and 15) wt.%. The electrical conductivity of composite has been studied at different temperature. The results showed that the D.C electrical conductivity increases with increasing the lithium fluoride concentrations and temperature. Also the activation energy change with increasing of lithium fluoride concentration.