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### Preparation and Characterization of (PVA-FeCl<sub>3</sub>) Composites

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**Abstract :** In the present work ,the impact of FeCl<sub>3</sub> expansion on some optical properties of poly-vinyl alcohol has been contemplated . for this reason , many specimens has been set up by adding FeCl<sub>3</sub> to the poly-vinyl alcohol with efferent weight rates from FeCl<sub>3</sub> with polymer and by various thickness . The ingestion and transmission spectra has been recorded in the wavelength range (190-890)nm. The ingestion coefficient, refractive file, termination coefficient , genuine and fanciful dielectric steady and finesses coefficient have been resolved.

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