

휴대폰 카메라용 비구면 Glass렌즈 전사특성 분석

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Transcription Characteristics in the Molding of Aspheric Glass Lenses for Camera Phone Module

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Abstract : The transcription characteristics in the molding of aspheric glass lenses for camera phone modules have been investigated experimentally. The surface topographies of both the form and the roughness were compared between the mold and the molded lens. The molded lens showed a transcription ratio of 93.4%, which is obtained by comparing the form accuracy (PV) values of the mold and the molded lens. The transcription of the roughness topography was ascertained by bearing ratio analysis.

Key Words : Aspheric glass lens, Glass molding press (GMP), Bearing ratio analysis, Surface topography