

Dynamic Surface Characterization - A Better Approach For Paper Quality Assessment

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ABSTRACT

Increasing web speed during surface sizing, coating and printing are posing lot of quality problems. Static tests like strength, air leakage tests for smoothness and porosity generally used in paper quality grading no longer seem to be effective in present context. This article describes some new methods of evaluating the dynamic response as function of time for improved correlation with experienced problems in production.

Key words: contact angle, fluff, dimensional stability