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# EFFECT OF BIRCH KRAFT PULP PRIMARY BLEACHING AND SHEET PROPERTIES

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## Abstract

By removing the primary fines from an oxygen-delignified mill birch pulp, a pulp was obtained having low metals content and no extractives. After DEDeD bleaching, the pulp had somewhat higher brightness and better brightness stability than the birch pulp fines. The fines fraction was enriched with lignin, extractives, xylan, and other carbohydrates. A Z fraction in a QQP sequence did not affect the extractives, whereas a Z fraction increased the extractives content. In a biorefinery concept, the fines fraction could be used to produce xylan, fatty acids, sterols, and betulinol. Another possibility is to use the fines as a