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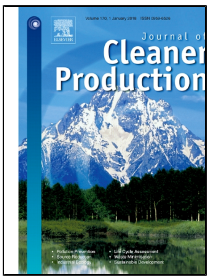

Valuable Recycling of Waste Glass generated from the Liquid Crystal Display Panel Industry

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Highlights

Recycling of LCD process waste glasses (LPWG) in E-glass was examined.

Source of B_2O_3 such as colemanite was replaced by LPWG.

Effect of contaminants coated to the surface of LPWG was negligible.

Two important melt properties for LPWG content showed an opposite behavior.

Replacement of E-glass with LPWG up to 50 % in glass batch was suggested.