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PbO ACCUMULATOR WASTE REUSE IN THE GLASS INDUSTRY

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Abstract

The problem of waste valorization (recovery, retraining and reuse) represents a national necessity and an economical and ecological priority. The glass industry is one of the waste generating industrial sectors. Also, this industry can use waste from another industries. The manufacturing of some coloured glasses on laboratory scale, using as raw material PbO waste, that is recovered from the acid accumulators, is presented in this paper. The glass obtained on laboratory scale was characterized from the point of view of the physical properties in comparison with a white glass from STAR GLASS Tg-Jiu, Romania. The main characteristics of the blue and green glasses are comparable and compatible with those of the industrial glasses usually used for housekeeping products.

Keywords: lead oxide, colored glass, accumulator waste, valorization
