



Reverse Logistic: Destination of Expanded Polystyrene Expanded (Isopor®) Post Consumption from a Catarinense Industry

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Abstract

The aim of this paper was to analyze the disposal ways of expanded polystyrene residues (EPS) at an industry located in Barra Velha – SC, focusing economical, legal and ecological aspects obtained with the application of reverse logistics concepts. Then a case study was carried out seeking to quantify the EPS used by the company. As a main result, it was verified that all EPS residue had the industrial landfill as a destination after production process utilization, and a better alternative was studied in order to dispose this material. Therefore, economical, legal and environmental values were added for both company and society.

Keywords: *Reverse logistic, EPS, discharge*
