

# RFID CHIPS IN COLOUR PREFERENCE TRACKING

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## INTRODUCTION

The ability to track goods and products en route in the delivery system, in the warehouse and on the top floor is a huge advantage to shippers and retailers. Recently the emergence of radio frequency identification (RFID) technology has enabled this better than ever before. However, a significant problem exists in that RFID technology depends on the quality of the information stored for each tagged product. Because of the profusion of names for colours, it is very difficult to ascertain that stored values are recognised by all users who view the product visually. This paper reports the findings of a study in which 50 consumers and 50 logistics workers were shown colour swatches and asked to choose the name of the colour from a multiple choice list. They were then asked to match consumer products, including toasters, jumpers and toothbrushes with the identifying inventory information available for each one. The findings show that the ability to match colours was significantly stronger with the colour swatches than with the consumer products, and that while logistics professionals made more frequent correct identification than the consumers, their results were still unsatisfactorily low. Based on these findings, a proposed universal model of colour identification numbers has been developed.

### Biography

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### Publications:

1. ChemInform Abstract: Synthesis and NMR Study of Epimeric Pairs of 2,3- Dihydro- and 2,3,6,7 -Tetrahydro-tabersonine and Their Derivatives.
2. Partial synthesis of new indole alkaloid derivatives with biological activity starting from plant material.