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**Textiles — Man-made fibres —  
Determination of dye uptake of cationic  
dyeable modified polyester fibres**

*Textiles — Fibres fabriquées — Détermination de l'absorption des  
colorants par les fibres de polyester à pression normale*

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## Foreword

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This document was prepared by Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 23, *Fibres and yarns*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

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## Introduction

Typical polyester fibres as sold on the market can be dyed at temperatures above 100 °C and high pressures by using disperse dye. As part of the highly modified polyester products, cationic dyeable polyester (CDP) can be dyed at lower temperatures by using cationic dye. For some modified species in particular, easy cationic dyeable polyester (ECDP) can be dyed under 100 °C at normal pressure. Due to this key improvement, cationic dyeable modified polyester fibres are becoming more and more popular on the market. This test method is used to evaluate the dye uptake rate of cationic dyeable modified polyester fibres by using cationic dye.

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