Draft for Public Comment

Form 36

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Responsible committee: PRI/21 Testing of plastics

Interested committees:

Title: Draft BS ISO 8810 Plastics — Determination of residual peroxide — Gas chromatography method.

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

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Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx

1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex **(e.g. 3.1)**	Paragraph/ Figure/Table/Note	**Type of comment**	**Commend (justification for change) by the MB**	**Proposed change by the MB**	**Secretariat observations on each comment submitted**
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	

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DRAFT International Standard

ISO/DIS 8810

ISO/TC **61**/SC **5**

Secretariat: **DIN**

Voting begins on:
2025-06-06

Voting terminates on:
2025-08-29

Plastics — Determination of residual peroxide — Gas chromatography method

Plastiques — Détermination du peroxyde résiduel — Méthode par chromatographie en phase gazeuse

ICS: 83.080.01

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Foreword

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This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 5, *Physical-Chemical Properties*.

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Introduction

Peroxide has many applications in polymer preparation, such as: used as a degradation agent in the degradation reaction of ultra-high fluidity polypropylene (PP) and a variety of polymers, as a crosslinking agent in polyethylene's (PE) crosslinking reaction, as initiator for free radical polymerization, as a vulcanizing agent for rubber vulcanization, etc. For health reasons and stable product quality, the content of residual peroxide in plastics, especially in peroxide-degraded polypropylene (PP) needs to be determined. Chromatography is the main method for the determination of peroxide.

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