



National Standards Authority of Ireland

IRISH STANDARD

I.S. CEN/TS 15354:2006

ICS 83.140.10

**PLASTICS - EXTRUDED AND/OR  
CALENDERED, NON-REINFORCED FILM AND  
SHEETING MADE OF PLASTICIZED  
POLY(VINYL CHLORIDE) (PVC-P) - GUIDANCE  
FOR CHARACTERISATION AND  
DESIGNATION**

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TECHNICAL SPECIFICATION  
SPÉCIFICATION TECHNIQUE  
TECHNISCHE SPEZIFIKATION

**CEN/TS 15354**

May 2006

ICS 83.140.10

English Version

**Plastics - Extruded and/or calendered, non-reinforced film and  
sheeting made of plasticized poly(vinyl chloride) (PVC-P) -  
Guidance for characterisation and designation**

Plastiques - Film et feuille en poly(chlorure de vinyle)  
plastifié (PVC-P) extrudés et/ou calandrés, non renforcés -  
Guide pour la caractérisation et la désignation

Kunststoffe - Extrudierte und/oder kalandrierte  
nichtverstärkte Folien und Bahnen aus  
weichmacherhaltigem Polyvinylchlorid (PVC-P) - Leitfaden  
für die Charakterisierung und Bezeichnung

This Technical Specification (CEN/TS) was approved by CEN on 23 December 2005 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## **Foreword**

This Technical Specification (CEN/TS 15354:2006) has been prepared by Technical Committee CEN/TC 249 "Plastics", the secretariat of which is held by IBN.

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## **CEN/TS 15354:2006 (E)**

### **1 Scope**

This Technical Specification gives a guidance for the characterisation and the designation of extruded and/or calendered, non-reinforced film or sheeting made of plasticized poly(vinyl chloride) (PVC-P). It specifies the corresponding test methods for the assessment of the characteristics.

This Technical Specification is applicable to film and sheeting in the range of thickness from 0,05 mm to 1 mm.

### **2 Normative references**

The following referenced documents are indispensable for the application of this Technical Specification. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN ISO 176, *Plastics — Determination of loss of plasticizers — Activated carbon method (ISO 176:2005)*

EN ISO 183, *Plastics — Qualitative evaluation of the bleeding of colorants (ISO 183:1976)*

EN ISO 527-1, *Plastics — Determination of tensile properties — Part 1: General principles (ISO 527-1:1993 including Corr 1:1994)*

EN ISO 527-3, *Plastics — Determination of tensile properties — Part 3: Test conditions for films and sheets (ISO 527-3:1995)*

EN ISO 877, *Plastics — Methods of exposure to direct weathering, to weathering using glass-filtered daylight, and to intensified weathering by daylight using Fresnel mirrors (ISO 877:1994)*

EN ISO 1183 (all parts), *Plastics — Method for determining the density and relative density of non-cellular plastics*

EN ISO 3451-5, *Plastics — Determination of ash — Part 5: Poly(vinyl chloride) (ISO 3451-5:2002)*

EN ISO 4892-1, *Plastics — Methods of exposure to laboratory light sources — Part 1: General guidance (ISO 4892-1:1999)*

EN ISO 4892-2, *Plastics — Methods of exposure to laboratory light sources — Part 2: Xenon-arc lamps (ISO 4892-2:2006)*

EN ISO 6383-1, *Plastics — Film and sheeting — Determination of tear resistance — Part 1: Trouser tear method (ISO 6383-1:1983)*

EN ISO 6383-2, *Plastics — Film and sheeting — Determination of tear resistance — Part 2: Elmendorf method (ISO 6383-2:1983)*

EN ISO 11501, *Plastics — Film and sheeting — Determination of dimensional change on heating (ISO 11501:1995)*

EN ISO 11502, *Plastics — Film and sheeting — Determination of blocking resistance (ISO 11502:1995)*

ISO 4582, *Plastics — Determination of changes in colour and variations in properties after exposure to daylight under glass, natural weathering or laboratory light sources*

ISO 4591, *Plastics — Film and sheeting — Determination of average thickness of a sample and average thickness and yield of a roll, by gravimetric techniques (gravimetric thickness)*

ISO 4592, *Plastics — Film and sheeting — Determination of length and width*

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