

# DIN EN 13206:2020-04 (English)

Plastics - Thermoplastic covering films for use in agriculture and horticulture (includes Amendment :2020)

Contents	Page
European foreword .....	4
1 Scope .....	5
2 Normative references .....	5
3 Terms and definitions .....	6
4 Types and use .....	7
5 Material .....	8
6 Durability .....	8
7 Requirements .....	9
7.1 General requirements .....	9
7.2 Requirement for appearance .....	11
8 Test methods .....	12
8.1 Determination of thickness .....	12
8.2 Determination of width .....	12
8.3 Determination of tensile characteristics .....	12
8.4 Determination of impact resistance .....	12
8.5 Determination of elongation under a steady load (creep test) .....	13
8.6 Determination of visible light transmission .....	15
8.7 Determination of haze .....	15
8.8 Determination of IR effectiveness (ir) (thermal clear and thermal diffusing films) .....	15
8.9 Determination of resistance to weathering .....	16
8.10 Determination of the chlorine content of used films .....	17
8.11 Determination of the sulfur content of used films .....	17
8.12 Determination of the roll/sheet length .....	17
9 Film acceptance, storage and handling .....	18
9.1 Acceptance .....	18
9.2 Storage and handling of rolls .....	18
10 Designation .....	18
11 Marking .....	19
12 Instructions for installation, use of covering films .....	19
13 Instructions for disposal and end-of-life of covering films .....	19
Annex A (informative) Exposure to other light sources .....	20
Annex B (informative) Empirical correlation between durations of covering films exposed to artificial weathering and a natural exposure .....	24
Annex C (normative) Determination of the chlorine content by coulometry .....	27

<b>Annex D (normative) Determination of the sulfur content by ICP- OES technique .....</b>	<b>31</b>
<b>Annex E (informative) Alternative method for the determination of chlorine and sulfur contents by X-ray fluorescence .....</b>	<b>35</b>
<b>Annex F (informative) Alternative methods for the determination of sulfur content by ultraviolet fluorescence method or by coulometry .....</b>	<b>37</b>
<b>DIN EN 13206:2020-04 EN 13206:2017+A1:2020 (E) Annex G (informative) Guidance for installation, use and disposal of covering films .....</b>	<b>42</b>
<b>Annex H (informative) Industrial standard formats of films .....</b>	<b>50</b>
<b>Bibliography .....</b>	<b>51</b>