

DIN EN 513:2026-10 (E)

Plastics - Poly(vinyl chloride) (PVC) based profiles - Determination of the resistance to artificial weathering

Contents	Page
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Symbols and abbreviations	4
5 Principle	5
6 Apparatus	5
7 Test specimens	5
8 Conditioning	5
9 Weathering test conditions	6
10 Procedure	8
11 Test report	8
Annex A (informative) Determination of changes in colour and variations of properties after exposure to xenon-arc radiation	10
A.1 General	10
A.2 Determination of visual change in colour	10
A.2.1 Test specimens	10
A.2.2 Grey scale	10
A.2.3 Determination of colorimetric coordinates	10
A.3 Determination of Charpy impact strength	11
A.3.1 PVC-U profiles	11
A.3.2 PVC-UE profiles	11
A.4 Determination of the tensile impact	12
A.5 Determination of flexural properties	12
A.6 Determination of chalking	12
A.7 Determination of adhesion of a coating	12
A.8 Determination of peel strength	12
A.9 Determination of falling weight impact resistance (only applicable for PVC UE profiles) ...	13
Bibliography	14