

DIN 16726:2011-01 (E)

Plastic sheeting - Testing

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	5
4	Samples and test pieces	5
5	Testing	5
5.1	General characteristics	5
5.2	Straightness and flatness	5
5.3	Thickness	5
5.3.1	Effective thickness	5
5.3.2	Thickness of layers	6
5.4	Mass per unit area	6
5.5	Density	6
5.6	Tensile properties	6
5.6.1	Tensile strength	6
5.6.2	Elongation	6
5.7	Joint behaviour	6
5.7.1	Joint shear resistance	6
5.7.2	Joint peel resistance	6
5.8	Tear resistance	6
5.9	Adhesion between layers	7
5.10	Adhesion to substrate	7
5.10.1	Shear resistance of joints formed with bitumen	7
5.10.2	Shear resistance of joints formed with other adhesives	8
5.11	Determination of watertightness	8
5.12	Determination of resistance to impact	8
5.13	Behaviour after heat ageing	8
5.13.1	Dimensional stability	8
5.13.2	Appearance after heat ageing	8
5.13.3	Behaviour after (long-term) heat ageing	8
5.14	Determination of foldability at low temperatures	8
5.15	Determination of water vapour properties	9
5.16	Determination of resistance to root penetration	9
5.17	Behaviour following exposure to UV radiation, elevated temperature and water	9
5.18	Effects of liquid chemicals, including water	9
5.19	Behaviour after exposure to bitumen	10
5.20	Effects of fungi and bacteria (microorganisms)	10
EN 13956:2005		11
Bibliography		12