

DIN EN 12230:2023-07 (E)

Surfaces for sports areas - Test method for the determination of tensile properties of synthetic sports surfaces

Contents		Page
European foreword		3
1 Scope		4
2 Normative references		4
3 Terms and definitions		4
4 Method 1 - Determination of the tensile properties of homogenous test specimens less than 25 mm thick		5
4.1 Principle		5
4.2 Apparatus		5
4.3 Test specimens		5
4.4 Preparation and conditioning		6
4.5 Number of test specimens		7
4.6 Procedure		7
4.7 Calculation and expression of results		7
4.8 Test report		
8 Method 2 - Determination of the transverse tensile properties of homogenous shockpads 25 mm or greater in thickness		9
5.1 Principle		9
5.2 Apparatus		9
5.3 Tests specimens		9
5.4 Preparation and conditioning		11
5.5 Number of test specimens		11
5.6 Procedure		11
5.7 Calculation and expression of results		11
5.8 Test report		12
Method 3 - Determination of the tensile properties of prefabricated shockpads containing slots or grooves		12
6.1 Principle		12
6.2 Apparatus		12
6.3 Test specimens		12
6.4 Preparation and conditioning		14
6.5 Number of test specimens		14
6.6 Procedure		14
6.7 Calculation and expression of results		15
6.8 Test report		15