Korea Laboratory Accreditation Scheme

CERTIFICATE OF ACCREDITATION

SETi Co., Ltd.

Accreditation No. : KT1276

Corporation Registration No. : 135511-0414355

Address of Laboratory : (Branch site)B-612, B-613, 6 Jiphyeonjungang 7-ro, Sejong-si, Republic of Korea

Date of Initial Accreditation : May 29, 2025

Validity of Accreditation : May 29, 2025 ~ May 28, 2029

Scope of Accreditation : Attached Annex

Date of issue : May 29, 2025

This testing laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to Joint ISO-ILAC-IAF Communiqué).

Kim daejin

Head

Korea Laboratory Accreditation Scheme

Korea Laboratory Accreditation Scheme(KOLAS) is a signatory to the ILAC Mutual Recognition Arrangement

No. KT1276

01. Mechanical Testing

01.010 Plastics and Related Products

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
CEN/TS 16717:2015	Plastic and related products	Surface for sports areas - Method of test for the determination of shock absorption, vertical deformation and energy restitution using the advanced artificial athlete 11.4 Calculation of Shock Absorption and expression of results 11.5 Calculation of Deformation and expression of results 11.6 Calculation of Energy Restitution and expression of results	(0.1 ~ 100.0) % 0.1 mm or more (0.1 ~ 100.0) %	BS	Y
EN 15301-1:2007	Plastic and related products	Surfaces for sports areas-Part 1: Determination of rotational resistance	(4 ~ 60) N • m	BS	Y
FIFA Quality Programme for Football Turf-Handbook of Test Methods 2015	Plastic and related products	FIFA Test Method 01 Determination of ball rebound FIFA Test Method 03 Determination of ball roll FIFA Test Method 04a Determination of shock absorption FIFA Test Method 05a Determination of vertical deformation FIFA Test Method 06 Determination of rotational resistance FIFA Test Method 06a Determination of lightweight rotational resistance FIFA Test Method 13 Determination of energy restitution	(0.00 ~ 2.00) m (0.0 ~ 20.0) m (0.1 ~ 100.0) % 0.1 mm or more (4 ~ 60) N • m (3.4~ 60.0) N • m (0.1 ~ 100.0) %	BS	Y
KS F 3888-1:2022	Plastic and related products	Artificial turf systems 6.2 Shock absorption 6.3 Vertical deformation 6.4 Rotational resistance (Method A) 6.5 Rotational resistance (Method B) 6.8 Ball rebound 6.9 Ball roll (Method A)	(0.1 ~ 100.0) % 0.1 mm or more (4 ~ 60) N • m (4 ~ 60) N • m (0.00 ~ 2.00) m (0.0 ~ 20.0) m	BS	Y

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End.