



Test Report

Report No:TQT1625J688E

Date:May.21,2026

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Applicant GRATEST DISPLAY CO.,LIMITED
Address FLAT/RM 16/F3 EMPRESS PIAZA17-19 CHATHAM ROAD SOUTH TSTM SHA
TSUT KI

The following sample(s) was /were submitted and identified on behalf of the clients as :

Product Name acrylic shower base
Trademark N/A
Model KD-E08
KD-E06、KD-E12
Manufacturer FOSHAN GOMING KANGDAYE SANITARY WARE FACTORY
Address Cha jiang primary school gaoming foshan
Sample Received Date May.15,2026
Testing Period May.15,2026 ~ May.21,2026
Test Requested Test Method EN 14527:2016+A1:2018
Test Result PASS

bUe0UL4 EeqFHGh6

Signed for and on behalf of:



Date of issue : May.21,2026

Shenzhen Tianqi Testing Technology Service Co., Ltd.

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Shenzhen Tianqi Testing Technology Service Co., Ltd.

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EN 14527:2016+A1:2018&EN 14428:2015+A1:2018			
Clause	Requirement - Test	Result - Remark	Verdict
4	Required characteristics and corresponding methods of test		P
4.1	General		-
	The main functions of geotextiles and geotextile-related products used in the construction of earthworks, foundations and retaining structures are filtration, separation and reinforcement. If a drainage or erosion control system is integrated in the construction, the requirements of the appropriate standards shall also be fulfilled. As the separation function is always used in conjunction with another function, the separation function shall never be specified alone.		P
	The specification shall define which functions and conditions of use are relevant (see Table 1) . The producer shall provide the necessary data based on the requirements and test methods specified in this European Standard, as described in 5.1.		P

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	The characteristics, their relevance to the conditions of use, and the test methods to be used, are specified in Table 1. The list of characteristics in Table 1 includes those relevant to all conditions of use (A), and those relevant to specific conditions of use (S). The indication ' ' means that the characteristic is not relevant for that function.		P
	Where, for the same property, data for more than one function shall be provided, the following ranking order shall be observed: A		P
	overrules S , and S Overrules ' .		
	The functions and conditions of use, corresponding with the S-coded characteristics in Table 1, are specified in 4.3.		P
4.2	Selection of the appropriate standard in a specific application		N
	Guidelines for the selection of the appropriate standard in a specific application are given in Annex C.		N
4.3	Characteristics relevant to specific conditions of use		P
4.3.1	Stiffness at 2 %, 5 % and 10 %		P
	Data on stiffness are necessary for the reinforcement function if the deformation of the structure needs to be evaluated.		P
4.3.2	Tensile strength of seams and joints		P
	Data on tensile strength of seams and joints are necessary for all functions if the product is to be mechanically jointed and if load is transferred across the seams and joints.		P

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4.3.3	Static puncture		P
	Data on static puncture or - as an alternative - on tensile strength, are necessary for the filtration function if required by the specification, i.e. when the site loading conditions are such that there is a potential risk of static puncture of the filter layer.		P
4.3.4	Friction characteristics		N
	Data on friction characteristics are necessary for the functions separation and filtration when the product is used in a situation where a		
	differential movement can take place between the product and adjacent material that may endanger the stability of the works. The friction characteristics can be measured, using site specific materials, by a direct shear test according to EN ISO 12957-1 or, in the case of loads up to 5 kPa, by an inclined plane test according to EN ISO 12957-2.		N
	Friction behaviour with the adjacent construction materials, e.g. the soil or the geosynthetic barrier, should also be considered.		N
4.3.5	Tensile creep		N
	Data on tensile creep can be used to give an indication of the resistance to sustained loading, when the product fulfils a reinforcement function.		N

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4.3.6	Resistance to damage during installation		P
	EN ISO 10722 can be used as an index test giving the relative performance of the product. Testing with site specific soil and conditions may give more relevant results for specific design.		P
4.3.7	Water permeability normal to the plane		P
	Data on water permeability are necessary when the reinforced structure is subject to water flow.		P
4.4	Release of dangerous substances		N
	National regulations on dangerous substances may require verification and declaration on release, and		N
	sometimes content, when construction products covered by this European Standard are placed on those markets.		
	In the absence of European harmonized test methods, verification and declaration on release/content should be done taking into account national provisions in the place of use.		N
5	Assessment and verification of constancy of performance (AVCP)		P
5.1	General		P
	The compliance of geotextiles and geotextile-related products with the requirements of this European Standard and with the declared values shall be demonstrated by: Product type determination (PTD);		P

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	Factory production control (FPC) by the manufacturer, including product assessment.		
5.2	Presentation of characteristics		P
	The characteristics specified in Table 2, except for durability, shall be expressed as mean values and tolerance value(s) corresponding to the 95 % confidence level. The values expressed may be verified using the procedure referred to in 5.5.		P
5.3	Product type determination (PTD)		P
	PTD tests shall be carried out by the manufacturer to define the values of the properties to be declared for the product to satisfy the requirements of this European		N
	Standard.		
	PTD tests shall also be carried out on existing products when a change in the basic materials or manufacturing procedures affects the declared properties or the use of a product. In these cases, the PTD tests are those for the properties which are affected or shall be confirmed and new properties introduced by a change of use.		P
5.4	Factory production control (FPC)		N

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	A FPC scheme shall be established and documented in a manual prior to a product type being placed on the market. Subsequently, any fundamental changes in raw materials and additives, manufacturing procedures or the control scheme that affect the properties or use of a product shall be recorded in the manual.		N
	The manual shall include the FPC procedures relevant to the declared properties, as confirmed by the product type determination.		N
	The FPC procedures shall consist of a permanent internal production control system to ensure that such products comply with this European Standard and that the measured values conform to the declared values.		N
	Annex A (normative) lists all the items that shall be considered to determine the appropriate control measures for a product. The manufacturer shall establish control measures for the relevant items and record them in his FPC manual. These measures shall be described in detail, including the type of tests to be performed and the frequency of these tests (see also A.2).		P
5.5	Verification of values		P



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	If verification of values is required, the compliance of characteristics with the values defined in 5.2 shall be based on measurements made on two representative samples (A and B), taken from two different rolls. Sampling shall be made in accordance with EN ISO 9862.		P
	For on-site quality control purposes CEN/TR 15019 may also be considered.		P
	The characteristics given in Table 2 shall be measured in accordance with the corresponding European Standards on specimens prepared from sample A.		P
	If the test result(s) for a particular characteristic is (are) within the tolerance value(s) given by the manufacturer, the product is accepted as complying with respect to this characteristic.		N
	If the test result(s) for a particular characteristic is (are) outside 1,5 times the tolerance value(s), the product does not comply with respect to that characteristic. If the test result(s) for a particular characteristic is (are) within 1 and 1,5 times the tolerance value(s), specimens prepared from sample B shall be tested.		N

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	If the test result(s) of the sample B specimens for the same characteristic is (are) within the given tolerance value(s), the product is accepted as complying with respect to that characteristic. If the test result(s)		N
	is (are) outside the tolerance value(s), the product is not accepted.		
5.6	Initial inspection of factory and of FPC		N
	Initial inspection of factory and of FPC shall be carried out when the production process has been finalized and in operation. The factory and FPC documentation shall be assessed to verify that the requirements of 5.4 and Annex A are fulfilled.		N
	During the inspection, it shall be verified that: a)all resources necessary for the achievement of the product characteristics included in this European Standard are in place and correctly implemented, and b)the FPC-procedures in accordance with the FPC documentation are followed in practice, and c)the product complies with the product type samples, for which compliance of the product performance to the DoP has been verified.		N

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	All locations where final assembly or at least final testing of the relevant product is performed shall be assessed to verify that the above conditions a)to c) are in place and implemented.		N
	If the FPC system covers more than one product, production line or production process, and it is verified that the general requirements are fulfilled when assessing one product, production line or production process, then the assessment of the general requirements does not need to be repeated when assessing the FPC for another product, production line or production process.		N
	All assessments and their results shall be documented in the initial inspection report.		N
5.7	Continuous surveillance of FPC		P
	Surveillance of the FPC shall be undertaken at least once per year. The surveillance of the FPC shall include a review of the FPC test plan(s) and production processes(s) for each product to determine if any changes have been made since the last assessment or surveillance. The significance of any changes shall be assessed.		N
	Checks shall be made to ensure that the test plans are still correctly implemented and that the production equipment is still correctly maintained and calibrated at appropriate time intervals.		P

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	The records of tests and measurement made during the production process and to finished products shall be reviewed to ensure that the values obtained still correspond with those values for the samples submitted to the determination of the product type and that the corrective actions have been taken for non-compliant products.		P
8	Marking		P
	The manufacturer shall clearly and indelibly mark the product with the information specified in EN ISO 10320.		P
Annex A	Factory production control (FPC)		P
Annex B	Durability aspects		P
Annex C	Guidelines for the selection of the appropriate standard in a specific application		P
Annex D	Significant technical changes to superseded versions of this standard		P
Annex ZA	Clauses of this European Standard addressing the provisions of the EU Construction Products Regulation		P

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Sample images



*** End of Report ***

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