

# TEST REPORT



Report No. : 16-026396-01-2

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### 1. Client

Name : Bioden co., ltd.

Address : #A-803, 119, Gasan digital 1-ro, Geumcheon-gu, Seoul, Korea (Gasan-dong, SK Twintech Tower)

Date of Receipt : 2016. 05. 04.

### 2. Use of Report : Quality Control

### 3. Test Sample

Description : Zirconia for dental

Manufacturer : Specimen is presented by the applicant

Model Name : \* \* \*

Serial Number : \* \* \*

Remark : \* \* \*

### 4. Date of Test : 2016. 05. 09. ~ 2016. 05. 16.

### 5. Test Standard/Method : Refer to the attached results

### 6. Testing Environment : Temperature : ( 25.0 ± 10.0 ) °C , Humidity : ( 45.0 ± 10.0 ) % R.H.

### 7. Test Results : Refer to the attached results

Note : 1. The test results contained apply only to the test sample(s) supplied by the client  
2. This test report shall not be reproduced in full or in part without approval of the KTL in advance.

Affirmation	Tested by	Technical Manager
	Name : Lee Jae-hoon	Name : Shin Hyun-Gyoo

2016. 05. 17.

## Korea Testing Laboratory



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# Test Results

## 1. Test specimen information

### 1.1 Specimen information

Name	Model	Lot No.	Quantity
Zirconia for dental	-	-	10 ea

### 1.2 Specimen photo

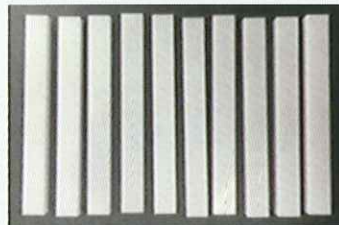


Photo 1. Specimen Photo

### 1.3 Test item : bending strength

## 2. Test standard and method

### 2.1 Test standard

2.1.1 bending strength : KS P ISO 6872

### 2.2 Test method

2.2.1 bending strength : KS P ISO 6872 8.3.1 3-point bending test method was used.  
2<sup>nd</sup> type of ceramic test sample was used.  
(loading speed : 0.5mm/min)





**3. Test result**

3.1 bending strength

Name	result (MPa)	Remark
Zirconia for dental	1259.8	average of 10ea sample standard deviation : 171.5MPa

**4. Test conditions**

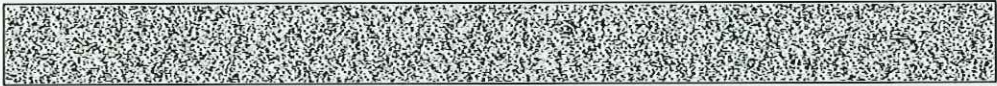
4.1 Temperature : (25 ± 10) °C

4.2 Humidity : (45 ± 10) % R. H.

**5. Test Instrument**

Instrument	Manufacture	Model
UTM	Instron	E10000

the End.



\* 위 마크는 추후 전자확인증 대조 프로그램에서 원본대조시 사용되는 2D코드입니다.