

EKOTEKS LABORATUVAR ve GÖZETİM  
HİZMETLERİ A.Ş.

AB-0583-T

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**TEST RESULTS**

**TEST METHOD: EN 13795-1:2019**

**SURGICAL CLOTHING AND DRAPES –REQUIREMENTS AND TEST METHODS**

**ANNEX 1: SURGICAL CLOTHING AND DRAPES;**

**TENSILE STRENGTH; EN 29073-3:1996**

Instron 5969 (Load: 50 kN), Strip Method.  
Speed: 100 mm/min±10, Gauge length 200 mm.  
Pre-load was not applied. Without wetting samples.  
The average results are given for weft and warp direction of five samples  
Performed in the conditioned room (20±2°C-65%±4).

Dry ;

Weft  
Warp

**RESULT**

42,6 N  
93,3 N

**REQUIREMENT**

≥ 20N (Dry)  
≥ 20N (Dry)

**BURSTING STRENGTH;; ISO 13938-1:1999**

SDL ATLAS M229 tester. Test area: 30.5 mm diameter  
Rate of increase in volume; 29 cm<sup>3</sup>/min.  
The average results are given of five samples.  
Performed in the conditioned room (20±2°C-65%±4).

Dry ;

Height at Burst\*

**RESULT**

109,6 kPa  
85,0 mm

**REQUIREMENT**

≥ 40 kPa (Dry)

**WATER PERMEABILITY; ISO 811:2018**

Hydrostatic Head Tester, Textest marka Fx 3000 model  
Temperature of water 20°C. Pressure increase ratio 10 mbar/min.  
Performed in the conditioned room (20±2°C-65%±4)

Sample 1  
Sample 2  
Sample 3  
Sample 4  
Sample 5

Average

**RESULT**

35,5 cmH<sub>2</sub>O  
34,3 cmH<sub>2</sub>O  
33,5 cmH<sub>2</sub>O  
34,0 cmH<sub>2</sub>O  
34,7 cmH<sub>2</sub>O  
34,4 cmH<sub>2</sub>O

**REQUIREMENT**

≥ 10 cmH<sub>2</sub>O

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