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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 $\pm$ 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 $\pm$ 2°C-65% $\pm$ 4).

Dry ;

RESULT

Weft

42,6 N

Warp

93,3 N

REQUIREMENT

$\geq$ 20N (Dry)

$\geq$ 20N (Dry)

BURSTING STRENGTH;; ISO 13938-1:1999

SDL ATLAS M229 tester. Test area: 30.5 mm diameter
Rate of increase in volume; 29 cm³/min.
The average results are given of five samples.
Performed in the conditioned room (20 $\pm$ 2°C-65% $\pm$ 4).

Dry ;

RESULT

109,6 kPa

Height at Burst*

85,0 mm

REQUIREMENT

$\geq$ 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 $\pm$ 2°C-65% $\pm$ 4)

Sample 1

Sample 2

Sample 3

Sample 4

Sample 5

Average

RESULT

35,5 cmH₂O

34,3 cmH₂O

33,5 cmH₂O

34,0 cmH₂O

34,7 cmH₂O

34,4 cmH₂O

REQUIREMENT

$\geq$ 10 cmH₂O

ZENMED TIBBİ CİHAZLAR
VE SAĞLIK ÜRÜNLERİ SAN. VE TİC. LTD.ŞTİ.
Mahmutbey Mah. 2567.Sk. No:1 İş Yeri No:11,21
Bağcılar / İSTANBUL / TÜRKİYE
Tel: 0212 445 45 25 Tic.Sic.No: 274704
Güneşli V.D.: 997 05 1942