Material Data Sheet

OPS™ ADVANCED surgical drapes fabric - 43gsm

Medline International
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Main material Neaustinė vientisabhidrofobiška medžiaga su perpintomis polipropileno gijomis

Spunbond/3x Meltblown/Spunbond Polypropylene

Latex free

EN 13795 Characteristic	Test Method	EN 13795 requirements: Standard performance – Critical product area	EN 13795 requirements: Standard performance – Less critical product area	Results*
Resistance to microbial penetration - Dry (CFU)	EN ISO 22612	Not Required	≤300	**4**
Resistance to microbial penetration - Wet (I_B)	EN ISO 22610	≥2,8	Not Required	**5,0**
Cleanliness - Microbial (CFU/100cm²)	EN ISO 11737-1	≤300	≤300	**N/A - Sterile**
Cleanliness - Particulate matter (IPM)	EN ISO 9073-10	≤3,5	≤3,5	**2,2**
Linting (Log_{10} (lint count))	EN ISO 9073-10	≤4,0	≤4,0	**2,3**
Resistance to liquid penetration (cmH_2O)	EN 20811	≥30	≥10	**42**
Bursting Strength - Dry (kPa)	EN ISO 13938-1	≥40	≥40	**160**
Bursting Strength - Wet (kPa)	EN ISO 13938-1	≥40	Not Required	**151**
Tensile Strength - Dry - CD (N)	EN 29073-3	≥15	≥15	**36**
Tensile Strength - Dry - MD (N)	EN 29073-3	≥15	≥15	**78**
Tensile Strength - Wet - CD (N)	EN 29073-3	≥15	Not Required	**38**
Tensile Strength - Wet - MD (N)	EN 29073-3	≥15	Not Required	**83**

Other Characteristic	Test Method	Additional Data
Basis Weight (g/m²) - svoris	EN 29073-1	**43**
Alcohol Repellency - IPA Solution (rate)	IST 80.8	**8**
Laser - Primary ignition	EN 11810	**Class I1_98**
Laser - Penetration	EN 11810	**Class P4_21**
Flammability	16CFR1610	**Class 1**
Material composition	N/A	**- Polypropylene**

* Technical data are based on average.

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