

FACE MASK

Inner Layer Coverstock

WL11210W

Description:

Soft, lightweight wetlaid nonwoven that can be used as an inner layer coverstock for pleated surgical face mask applications. The fabric is available in white and provides an uniform covering for the filter media. It is hypoallergenic (gentle on the skin/non irritating) and comfortable to wear making it ideally suited for long surgical procedures. It adds little to the overall pressure drop of the finished mask, making it highly breathable. The fabric contains a proportion of thermoplastic fibers making it suitable for thermal bonding and/or ultrasonic assembly techniques. The fabric is not manufactured with natural rubber latex.

Physical properties	Method	Units	Typical Values
Basis Weight	ASTM D3776	gsm	18.6
Dry Grab Tensile CD	ASTM D5034	g	2070
Dry Grab Tensile MD	ASTM D5034	g	4750
Dry Tensile Strength CD	Tappi T494	g/25mm	600
Dry Tensile Strength MD	Tappi T494	g/25mm	2000
Air Permeability	Tappi T251	L/min/100cm ²	1230

ISO 10993 Biological Evaluation	Method	Units	Typical Values
Cytotoxicity	ISO 10993-5	Pass/Fail	Pass
Skin Irritation	ISO 10993-10	Pass/Fail	Pass
Skin Sensitization	ISO 10993-10	Pass/Fail	Pass

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