

INNER LAYER COVERSTOCK

Description:

Soft, lightweight and white-color wetlaid nonwoven that can be used as an inner layer coverstock for face mask applications. The fabric provides a uniform covering for the filter media. It is gentle on the skin and comfortable to wear. 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. Certified for cytotoxicity and skin irritation.

Physical properties	Method	Units	Typical Values
Basis weight	Internal test method	g/m ²	18
Thickness	NF EN ISO 534. 2005	µm	57.3
Permeability 196Pa	WSP 70.1 (05)	L/m ² /s	2 390
Tensile strength MD	Internal test method	N/m	737
Tensile strength CD	Internal test method	N/m	602
Elongation MD	Internal test method	%	5.3
Elongation CD	Internal test method	%	9.4
Trapezium tear MD	Internal test method	cN	66
Trapezium tear CD	Internal test method	cN	83
Ratio Wet/Dry	Internal test method	%	50.1
Brightness	ISO 2470 TAPPI 525	%	73.8
Opacity	DIN 53146 – TAPPI 519	%	25.9
Other properties	Method	Units	
Water drop test	Internal test method	s	999
Stiffness Handle-o-meter MD	WSP 090.3.R4 (12)	cN	9
Stiffness Handle-o-meter CD	WSP 090.3.R4 (12)	cN	4

DISCLAIMER: The information supplied in this document is for guidance only and should not be construed as a warranty.