

FILTER LAYER

Description:

Wetlaid nonwoven made of a blend of polyester and cellulose fibers bonded with a synthetic binder. The product has been tested positively (French DGA protocol 25.03.2020) for compliance with Category 1 non-medical masks (Afnor S076-001, 29/04/2020 French inter-ministry).

Physical properties	Method	Units	Typical Values
Basis weight	Internal test method	g/m ²	60
Thickness	NF EN ISO 534. 2005	µm	215
Permeability 196Pa	WSP 70.1 (05)	L/m ² /s	750
Tensile strength MD	Internal test method	N/m	1 500
Tensile strength CD	Internal test method	N/m	1 150
Elongation MD	Internal test method	%	9.0
Elongation CD	Internal test method	%	11.0
Trapezium tear MD	Internal test method	cN	530
Trapezium tear CD	Internal test method	cN	630
Ratio Wet/Dry	Internal test method	%	59.0
Water drop test	Internal test method	s	100
Stiffness Handle-o-meter MD	WSP 090.3.R4 (12)	cN	130
Stiffness Handle-o-meter CD	WSP 090.3.R4 (12)	cN	75
Filtration (DEHS aerosol, 8cm/s)	Method	Units	Typical Values
Pressure drop	Internal test method	Pa	8
Filtration efficiency	Internal test method	%	97

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