

# Technical data sheet

## FF 70/210 PBT PB SM F219070

### Facemask filter media

Personal protective equipment facemask, to be used as double fleece (SMMS) for FFP2 mask by EN149.

### Product characteristics:

- Synthetic Polyester Filter media
- Two-layer (SM): Spunbond (PET) 20 gsm + Meltblown (PBT) 50 gsm
- Water-repellent
- Binder-free, latex-free, glue-free, glassfiber-free
- Color: white
- To be mounted as double fleece, in symmetric fashion, SMMS, for FFP2 mask by EN149
- Possibly to be combined with additional non-woven layers for 3D shape mask

Physical properties	conditions	Metric Unit	Norm	Target
Grammage (single sheet)	/	g/m <sup>2</sup>	ISO536	70
Thickness (single sheet)	2 kPa	µm	ISO3034	460
Air permeability (single sheet)	2 mBar / 100 cm <sup>2</sup>	L/m <sup>2</sup> /s	ISO9237	210
Air permeability (double sheet SMMS)*	2 mBar / 100 cm <sup>2</sup>	L/m <sup>2</sup> /s	ISO9237	110
Efficiency at 0.3 µm (double sheet SMMS)*	aerosol of NaCl at 8 ± 2 mg/m <sup>3</sup> 48.3 L/min 100 cm <sup>2</sup> by TSI 8130A	%	EN 149 (EN 13274-7)	96

*These measurements are produced by using internal methods based on recognized norms, obtained from typical production runs and performed on flat sheet without conditioning.*

*\* These tests are not part of the product quality control.*