

Filter Media

Product Description

Filter media is used for the construction of respiratory face masks.

General

Literature Availability	Technical Data Sheet Available
Additive	No additives
Uses	Medical/Personal Care
Forms	60" to 70" wide, can be 175 mm cut, 20-30 inch diameter rolls
Processing Method	Meltblown line, negative charge

Physical	Value	Test Method
Weight	25 +/-5 GSM	GMW 3182
Fiber Diameter	2-4 microns	ELK-TI-1, 3000x magnification
Pore Diameter	6-12 microns	ELK-TI-1, 3000x magnification

Mechanical	Value	Test Method
Tensile Strength		
Machine Direction	Min 6N	ASTM D5034, 300 mm/min
Cross Direction	Min 11N	ASTM D5034, 300 mm/min
Elongation		
Machine Direction	Min 55%	ASTM D5034, 300 mm/min
Cross Direction	Min 55%	ASTM D5034, 300 mm/min

SEM Photo 1000x magnification



