

PRODUCT INFORMATION Pocket Basic (M5-ePM10)

Type of Nonwoven Pocket filter media

Filter layer Polypropylene

Material composition

PP Spunbond 20 g/m²

PP Meltblown 40 g/m²

PP Spunbond 20 g/m²

Recommendation for Application ISO 16890 ISO ePM10 75%

Property	Method	Average
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Basis -Weight	NWSP 130.1	80 g/m ² ± 5%
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Pressure Drop (0,16m/s)	NWSP 70.1	26 Pa
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Width		710 mm
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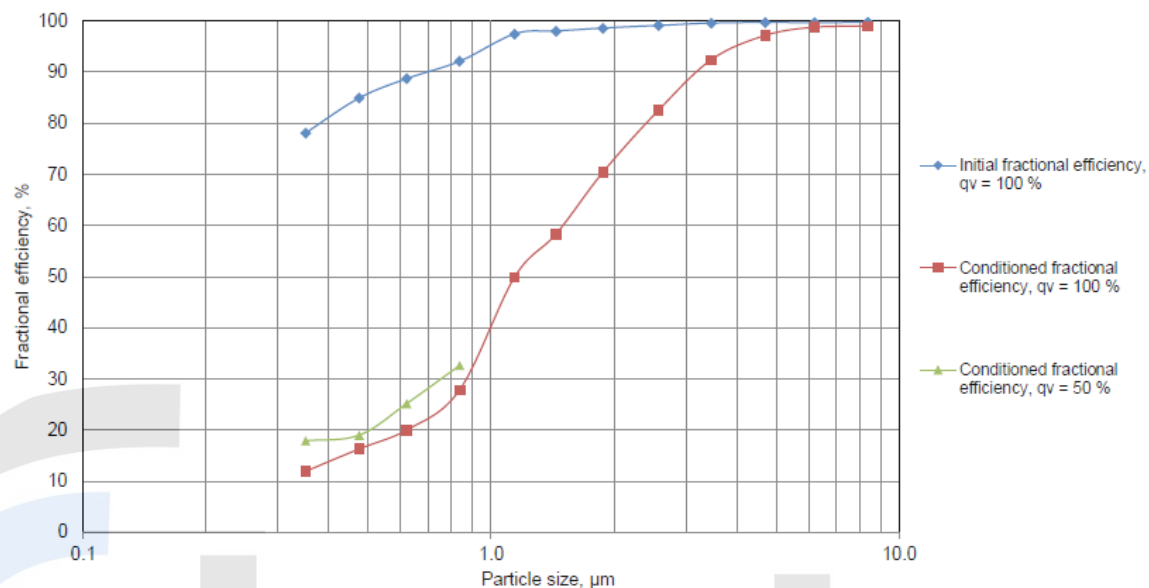
Maximal diameter		800 mm
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Efficiency	ISO 16890	ePM10	75 %
		ePM2,5	61 %
		ePM1	51 %
		ePM10 min	68 %
		ePM2,5 min	25 %
		ePM1 min	12 %

Flammability	DIN 53438	F1/F1/K1
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This information is provided in good faith but FIBERTON cannot guarantee its accuracy or completeness. The end user is advised to evaluate the product and use it only in compliance with all applicable laws and regulations. This is not a specification. Properties are given as typical values. Thickness measured under relaxed conditions. May vary after packaging, storage and transport. Filtration values shown in table above is for fully manufactured products.

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Particle size		Fractional efficiency and upstream concentration			
Δd_i	d_i	Conditioned, $q_v = 100\%$		Conditioned, $q_v = 50\%$	
μm	μm	%	$\#/\text{dm}^3$	%	$\#/\text{dm}^3$
0.30 - 0.41	0.35	9.0	29 127	11.8	26 555
0.41 - 0.55	0.47	11.5	18 101	13.6	16 399
0.55 - 0.70	0.62	13.6	11 652	15.3	10 804
0.70 - 1.00	0.84	17.5	12 697	19.6	11 671
1.00 - 1.30	1.14	30.2	4 540		
1.30 - 1.60	1.44	43.0	4 604		
1.60 - 2.20	1.88	53.4	5 735		
2.20 - 3.00	2.57	70.8	3 575		
3.00 - 4.00	3.46	85.3	2 410		
4.00 - 5.50	4.69	95.6	1 094		
5.50 - 7.00	6.20	99.0	285		
7.00 - 10.00	8.37	99.7	283		
DEHS concentration		87 183			
KCl concentration		90 002			
Pressure drop		26 Pa			
Device mass		5 / 5 g			