

Updated February 6, 2015

This information characterizes the flat sheet physical properties and Multipass performance of the requested sample. Please remember that flat sheet properties do not guarantee overall filtration performance in your application. Ahlstrom would be happy to answer any questions or concerns regarding the presented data.

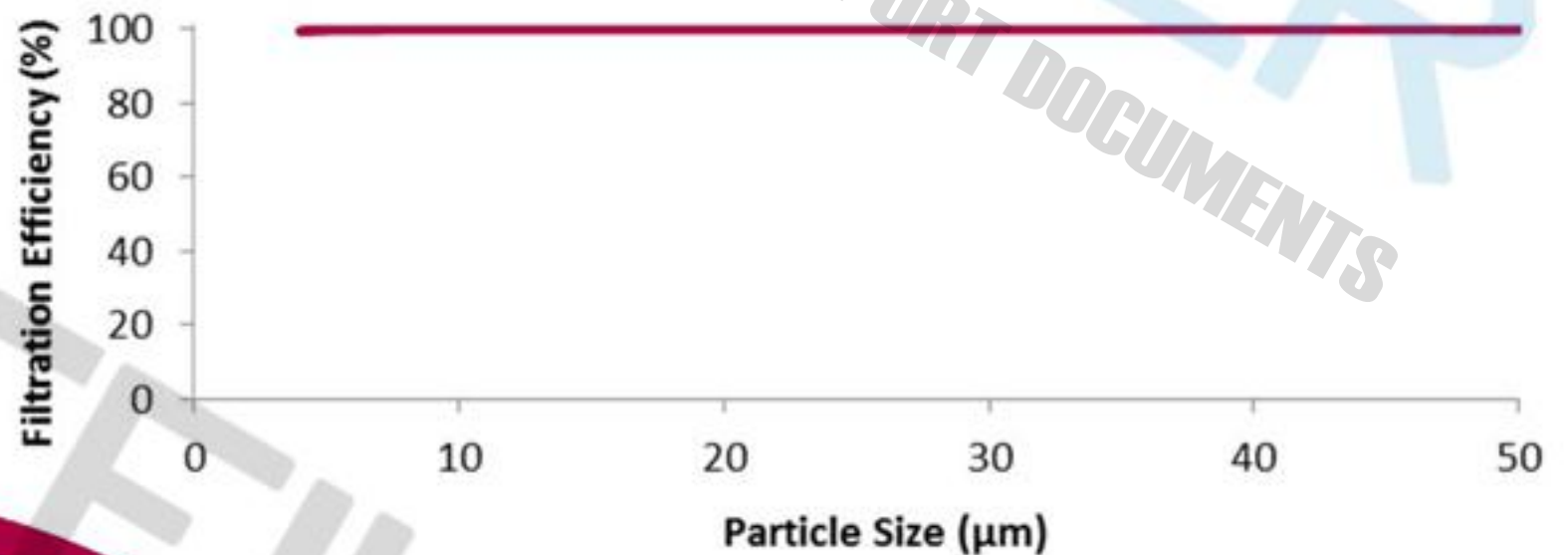
Physical properties	Metric				US				Test Method
	Units	Min	Target	Max	Units	Min	Target	Max	
Grammage	gsm	195	211	228	lbs/3000 ft <sup>2</sup>	120	130	140	AEF-TM-001
Thickness	micron	610	711	813	mils	24	28	32	AEF-TM-002
Corrugation	micron	229	305	381	mils	9	12	15	AEF-TM-004
SDC Dry Burst Strength	kPa	207	379	-	psi	30	55	-	AEF-TM-013
SD Wet Burst Strength	kPa	-	-	-	psi	-	-	-	AEF-TM-013
SDC Wet Burst Strength	kPa	172	241	621	psi	25	35	90	AEF-TM-013
MD Stiffness	mg	-	7800	-	mg	-	7800	-	AEF-TM-015
Air permeability/Frazier	l/m <sup>2</sup> /s	12	20	24	cfm	1.5	2.5	3.0	AEF-TM-037
Mean Pore Size (MFP)	micron	-	2.5	-	micron	-	2.5	-	AEF-TM-011

Average Dirt Holding Capacity (mg/in <sup>2</sup> )	Overall Filtration Efficiency									
	4µm	5µm	8µm	10µm	15µm	20µm	25µm	30µm	40µm	50µm
17	99.4%	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

**Test Parameters:**

Test Flow (gpm):	0.5
BUGL (mg/L):	10
Injection flow (ml/min):	250
Pamas Sensor Flow (ml/min):	25
Dilution Ratio (Up:Down):	3:0
Terminal (psid):	12.3
Test Sump Level (L):	6
Test Area (in <sup>2</sup> ):	31.9
Face Velocity (fpm):	0.3

**Multipass Performance**



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