

Building	B204	Vendor-Ref-No.	
Industrial Complex	CAOPCSE	Customer	
Process Area	E100	Subprocess	ER10
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1	Steam Filter			Filter	Technical Item
2					FA001
3	Purchaser	Account no.	Date	Equipment number	
4	Manufacturer	Inquiry no.			
5	Vendor	Order no.		Class / Revision number	
6	Equipment drawing no.	Quotation no.			
7	WBS element	Purchase order no.		Inventory no.	
8	Design and operating conditions				
9			Vessel/Case	Heating/Cooling	
10	Design Pressure (min/max)	bar(g)	-1.00	10.00	
11	Design Temp. (min/max)	°C	-10.00	200.00	
12	Test Pressure (gage)	bar(g)			
13	Filtr./Oper. Press (min./max.)	bar(g)	0.00	6.00	
14	Filtr./Oper. Temp (min./max.)	°C	10.00	160.00	
15	Filtration Quantity	m³/h	640.00		
16	Product	5bar(g) steam	- Density	kg/m³	3.144
17	- Viscosity	mPa s	3.87	- pH-Value	-
18	Solid Material				
19	- Character		- Type		
20	- Fraction	kg/kg			
21	- Wet Volume 1)	m³	- Wet Volume		m³
22	- Grit Size	mm	Solved Components, Fraction		kg/kg
23	Allowed Pressure Drop (over Filter)	mbar	300.00		
24	Compressed Air		Cover Gas		
25	Heating / Cooling Medium		Washing Liquid		
26	Mediums w/o contact w product				
27	Specifications				
28	Construction Type/Model		Equipment Setting / Orientation		
29	Diameter	mm	219.1	Height	mm
30	Length	mm	620	Width	mm
31	Inner Diameter	mm		Mesh Width	mm
32	Filter Surface (nominal)	m²	0.50	Number of Filter elements	
33	Total Capacity	m³	0.029	Separating Rate	%
34	Nominal Capacity	m³		Effective Capacity	m³
35	Inertisation?		Inertisation Loop?		
36	Filter Instrument		Filter Instrument Fixing		
37	Cake Removal				
38	Operating Weight	kg		Empty Weight	kg
39	Insulation Weight	kg		Maximum Weight	kg
40	Gaskets Case/Filter		Fixtures		
41	Construction materials				
42	Vessel/Case	316L	Coating Vessel/Case		
43	Filter element	316L	Filter Instrument Fixing		
44	Gaskets Case(O ring)	VITON	Gaskets Case/Filter		
45	Fixtures				
46	Rules				
47	Design Code	GB150-2011	Classification		NA
48	Pressure Vessel Code				
49	Remarks:				
50	1.Toxicity:Non-toxic.2.noncombustible .3.Filter Accuracy demand:50µm.				
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