



TRAY DATA SHEET

NAME:	
COMPANY:	
ADDRESS:	
POST CODE:	
TE. NO:	
FAX NO:	
HOME PAGE:	
E-MAIL:	
BRIEF OF THE PROJECT:	
FEED COMPOSITION:	
AVAILABLE EQUIPMENT:	
ELSE EQUIPMENTS:	
OPERATION PARAMETER AT PRESENT:	
TARGET OF DESIGN OR REVAMP:	



天津市新天进
科技开发有限公司

TRAY DATA SHEET

DOC. NO.

DESIGN STAGE

EDITION:

PAGE 1 OF 3

CLIENT				APV'D	
PROJECT NAME				CHK'D	
EQUIP. NAME		EQUIP. NO.		PREP'D	
OPER. MEDIA		EQUIP. QTY.		DATE	

TRAY DATA SHEET

NO.	ITEM	UNIT				
1	Tray No. From Top to Bottom					
2	Tray Type					
3	Column ID	mm				
4	Weir height	mm				
5	Tray Spacing	mm				
6	Oper. Temp.	°C				
7	Oper. Press.	MPa(G)				
8	DESIGN LOADING	VAPOR LOAD	kg/h			
9		LIQUID LOAD	kg/h			
10		VAPOR DENSITY	kg/m ³			
11		LIQUID DENSITY	kg/m ³			
12		LIQUID SURFACE TENSION	mN/m			
13		VAPOR VISCOSITY	mPa·s			
14		LIQUID VISCOSITY	mPa·s			
15		VAPOR MOLECULE WEIGHT				
16	LIQUID MOLECULE WEIGHT					
17	MAX. LOADING	VAPOR LOAD	kg/h			
18		LIQUID LOAD	kg/h			
19		VAPOR DENSITY	kg/m ³			
20		LIQUID DENSITY	kg/m ³			
21		LIQUID SURFACE TENSION	mN/m			
22		VAPOR VISCOSITY	mPa·s			
23		LIQUID VISCOSITY	mPa·s			
24		VAPOR MOLECULE WEIGHT				
25	LIQUID MOLECULE WEIGHT					
26	MIN. LOADING	VAPOR LOAD	kg/h			
27		LIQUID LOAD	kg/h			
28		VAPOR DENSITY	kg/m ³			
29		LIQUID DENSITY	kg/m ³			
30		LIQUID SURFACE TENSION	mN/m			
31		VAPOR VISCOSITY	mPa·s			
32		LIQUID VISCOSITY	mPa·s			
33		VAPOR MOLECULE WEIGHT				
34	LIQUID MOLECULE WEIGHT					
35	ALLOWED PRESSURE DROP	kPa/Tray				
36	Foam Factor					
37						
38						
39						

DO NOT DISTRIBUTE TO ANY THIRD PARTY WITHOUT PRIOR WRITTEN CONSENT OF NEWTIANJIN CORP.



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TRAY DATA SHEET

DOC. NO.

DESIGN STAGE

EDITION:

PAGE 2 OF 3

CLIENT			APV'D	
PROJECT NAME			CHK'D	
EQUIP. NAME		EQUIP. NO.	PREP'D	
OPER. MEDIA		EQUIP. QTY.	DATE	

TRAY DATA SHEET

NO.	ITEM		UNIT				
1	Tray No. From Top to Bottom						
2	Tray Type						
3	Column ID		mm				
4	Weir height		mm				
5	Tray Spacing		mm				
6	Number of Flow Path						
7	Type of Downcomer						
8	TOP OF DOWN -COMER	Width of side D.C.	mm				
9		Length of side Weir	mm				
10		Width of Mid. D.C.	mm				
11		Length of Mid. Weir	mm				
12		Override Edge height	mm				
13	BOTTOM OF DOWN -COMER	Width of side D.C.	mm				
14		Width of Mid. D.C.	mm				
15		Clearance of D.C.	mm				
16		Height of upper section	mm				
17		Height of kickback section	mm				
18		Height of lower section	mm				
19		Width of Seal Pan	mm				
20	Height of Seal Pan	mm					
21	Hole Diameter		mm				
22	Hole number / Valve number						
23	Hole type / Valve type						
24	Hole Fraction		%				
25	Thickness of Tray Deck		mm				
26	Notes						
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TRAY DATA SHEET

DOC. NO.

DESIGN STAGE

EDITION:

PAGE 3 OF 3

CLIENT				APV'D	
PROJECT NAME				CHK'D	
EQUIP. NAME		EQUIP. NO.		PREP'D	
OPER. MEDIA		EQUIP. QTY.		DATE	

SKETCHES of COLUMNS & TRAYS

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