

## \*\*\* Sheet for requesting a flooding check of random packing \*\*\* (absorption)

Date :

Item No :

Item Name :

Item	Section	Top	Bottom
Pressure: <span style="color: red;">※Please check the right item by circle mark</span>	$P$ mmHg·a kg/cm <sup>2</sup> G kPaG kPaA		
Temperature:	$t$ (°C)		
Vapor Rate:	$G$ (kg/H)		
Vapor Density:	$\rho_g$ (kg/m <sup>3</sup> )		
Liquid Rate:	$L$ (kg/H)		
Liquid Density:	$\rho_L$ (kg/m <sup>3</sup> )		
Liquid Viscosity:	$\mu_L$ (mPas (cP))		
Liquid Surface Tension:	$\sigma$ (mN/m (dyne/cm))		
Foaming Factor:	※Please enter the 1.0 if there is no foaming		
Operation Range:	(%)	Min : ( ) ~	Max : ( )
Allowable Total Pressure Drop:	(mmHg)	( ) ※Target Load=( )%	
		Top	Bottom
Tower Diameter:	$D$ (mm)		
Packed Height:	$H$ (mm)		
Type of Packing:			
Number of Theoretical Plates: NTP	(段)		
HETP:	(mm)		
Capacity Factor:	$C_f$ ((kg/m) <sup>1/2</sup> /S)		
Vapor Linear Velocity:	$U$ (m/sec)		
Flooding Approach:	(%)		
Liquid Load:	(m <sup>3</sup> /m <sup>2</sup> /Hr)		
Pressure Drop at each Layer: $\Delta P$	(mmHg)		

※Please fill the data in