

GRAPHITE HEAT EXCHANGER - Questionnaire



MB Plastics Europe
Ledeboerstraat 68 – 10, 5048 AD, Tilburg, The Netherland.
+31 (0) 850 201 666 | sales@mbplastics.nl

Application : Cooler Condenser
 Heater

Section A: Customer information			
Company:	<input style="width: 90%;" type="text"/>	Contact name:	<input style="width: 90%;" type="text"/>
Date:	<input style="width: 90%;" type="text"/>	Quote for:	<input type="checkbox"/> Budget <input type="checkbox"/> Urgent
Phone:		<input style="width: 90%;" type="text"/>	

Section B: Fluid parameters	Tube Side	Shell Side	Unit
Fluid name *			
Percentage composition of fluid / vapor *			W/W
Suspended solids present if any			
Total flow rate *			Kg/hr
Inlet temperature *			°C
Outlet temperature *			°C
Density			Kg/m3
Viscosity			Cp
Specific heat			Kcal / kg. °C
Thermal conductivity			Kcal/hr. m . °C
Fouling factor			hr,sq.m,C/Kcal
Operating pressure			Kg/cm2
Allowable pressure drop			Kg/cm2

Section C: Unit design parameters	
Type of Heat Exchanger	<input type="checkbox"/> PolyBlock <input type="checkbox"/> Shell & Tube
Preffered hole diameter	<input type="checkbox"/> 8 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 12 mm <input type="checkbox"/> 16 mm
Mounting *	<input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal
Length or height / Space restrictions	
Material of construction ¹⁾	
Flange rating	<input type="checkbox"/> ASA#150 <input type="checkbox"/> PN10 <input type="checkbox"/> JIS
Nozzles	
Design pressure	Kg/cm2 g
Design temperature	°C
Mechanical Design code	
Nozzles orientation	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; border-right: 1px solid black; padding-right: 5px;"> <input type="checkbox"/> </div> <div style="width: 45%; padding-left: 5px;"> <input type="checkbox"/> </div> </div>
25) Note	

Note: * Mandatory questions. / Without *, GIL will consider the suitable parameters.

1) (IS 2062 Gr E250 Quality A or B OR SA-516 (All Grade) OR SA 106 Gr. B OR SA 333 Gr. 1 or 6 OR SA 333 Gr. 6 OR IS 3589 ERW OR Seamless Gr FE 330 OR IS-1239 ERW)