

## "Sulfur Guard at Isomerization unit"

Specification	Unit	Value	Impurity		
Phase	...	Liquid	Total Sulfur ppm wt. (Specification unknown)	4 Max	
<b>Product Specification</b>					
Temperature	°C	99	Total Sulfur	Total Sulfur Removal	
<b>Vessel Dimensions</b>					
Total mass flow	Kg/h	102899	Internal Bed Diameter ,mm	2500	
Vol. Flow	m3/hr	172.9	Bed Height (T.L to T.L),mm	4380	
Total Enthalpy	MW	5.73			
Sp.Gr @ 15°C/15°C		0.678			
Molecular Weight	Kg/Kmol	81			
Component	Composition Kmol/hr	Component	Composition Kmol/hr	Schematic	
water	0	H2	0	<p style="font-size: small;">FEED DIFFUSER DISTRIBUTOR SEE SHEET No 8</p> <p style="font-size: small;">4380 2500</p> <p style="font-size: small;">H2 H</p> <p style="font-size: small;">LIQUID COLLECTION SYSTEM DISTRIBUTION POINT SEE SHEET No 9 AND 10</p>	
METHANE	0	ETHANE	0		
PROPANE	0	IBUTANE	0		
BUTANE	0	IPENTANE	28.41		
PENTANE	368.01	CP	23.01		
22DMB	19.65	23DMB	31.47		
24DMP	27.86	2MP	175.78		
3MP	105.01	NC6	239.33		
MCP	91.96	CH	51.87		
BZ	102.97	2MH	0		
MCH	0	DMCP	5.25		
TOL	0	NaOH	0		
223MB	0				
<b>TOTAL MOLAR Rate</b>		<b>1270.58 Kmole/hr</b>			