

[illegible]

<i>values</i>		<i>stream no.</i>	<i>Temperature</i>	<i>enthalpy of stream</i>	<i>Heat loss</i>			
			(K)	KJ/hr	KJ/hr			
0.05		Stream 1	298	39228.19656	in reactor		<i>stream</i>	<i>Temp</i>
		Stream 2	298	89816.48284	-141311.233			<i>(K)</i>
350		Stream 3	373	30291.98912			water	298
60		Stream 4	363	-42558.54269			adipic acid	298
21000		Stream 5	353	5205.658165	in mixer		BDO	298
20		Stream 6	338	8664.952593	-16471.5854		polyol	363
48.06		Stream 7	371	-2600.974651			MDI	338
41.04		Stream 8	371	83483.07348	in extruder		TPU	333
10.14		Stream 9	298	17209.26523	-125285.259			
0.76		Stream 10	483	-24592.92037			Temp. of reactor (K)	493
2.66		Stream 11	483	-54388.84049	in water		Temp. of Extruder (K)	523
146		Stream 12	288	8558550	wash		Temp. in hot air dryer(K)	368
90		Stream 13	304.62	-5679717.12	-14767264.7		Temp of water effluent(K)	318
290		Stream 14	308	-583386.3853			Temp of mixer(K)	373
18		Stream 15	308	-75275.66261	in centrifugal		specific heat of mixer outlet(KJ/kg)	1.78
1		Stream 16	305	73735.2	dryer		enthalpy of mixer outlet stream	-1483
2		Stream 17	303	16728.63531	165739.4979		Temp of chilled water wash (K)	385.5
1		Stream 18	303	217472.259	hot air dryer		temp in centrifugal dryer(K)	298
2		Stream 19	353	-105325.022	-342331.649			
		Stream20	333	-19534.36843				
96								
4								
2.25								
2.25								
81								
14.4								

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