

**CONVEYABILITY TEST - HELIX CONVEYOR (HX # 200)**

 Report No: **CT/HX/11**

Sht. 1/2

Date : 12/10/01

 Lab Test Report No - **244**

Date - 12/10/2001

 Material : **PHTHALIC ANHYDRIDE**

 Material Class: **B27W**

Loose B.D (Kg/ Cu.Mtr.) - 810

Dynamic B.D (Kg/ Cu.Mtr.)- 846.1

Packed B.D (Kg/ Cu.Mtr.) - 1000

Compressibility Factor (C) - 19

Motor - Make/HP/RPM : Kirloskar/0.5/1300

Gear Box - Make/Ratio/Output RPM: BTPL/ 2.29:1/ 567

 Pick-up : **45 °**

 Discharge : **90°**

 Configuration : **G**

Accessories		Auger RPM	Frequency (HZ)	Current (Amps)	Capacity (Ltr/Min)	Remarks
Auger Agitator Vibrator Centre Core	Flat No No No	250	21.9	0.6	6.87	
		300	26.3	0.6	7.54	
		350	30.7	0.6	8.30	
		400	35.0	0.7	10.73	
		450	39.4	0.7	11.68	
		500	43.8	0.7	14.17	
		570	50.0	0.7	15.90	
Auger Agitator Vibrator Centre Core	Flat Yes No No	250	21.9	0.6	8.46	
		300	26.3	0.6	8.98	
		350	30.7	0.7	10.82	
		400	35.0	0.7	12.22	
		450	39.4	0.7	12.94	
		500	43.8	0.7	15.17	
		570	50.0	0.7	15.90	
Auger Agitator Vibrator Centre Core	Flat Yes Yes No	250	21.9	0.6	8.62	
		300	26.3	0.7	10.81	
		350	30.7	0.7	12.00	
		400	35.0	0.7	13.89	
		450	39.4	0.7	15.00	
		500	43.8	0.7	16.09	
		570	50	0.7	18.33	