

August 26, 2004

FASTI

CARD Performance and Technical Data Sheet

Material/Bulk Density (lb/ft³)	Moisture (%)		Temp. (°F)	Time (h)	CARD - hopper volume in Liter and maximum material flow rates in Lb/h											
	Initial	Resid.			250	450	600	850	1200	1650	2000	2500	3000	3500		
ABS	40	0.45	0.05	180	143	257	343	486	686	944	1144	1430	1716	2002		
CA	40	0.7	0.1	180	2	143	257	343	486	686	944	1144	1430	1716	2002	
CAB	40	0.7	0.1	170	2	143	257	343	486	686	944	1144	1430	1716	2002	
CP	40	1	0.1	170	2	121	218	290	411	581	799	968	1210	1452	1694	
PA 6	40	0.5	0.02	170	4	90	162	216	306	432	594	720	900	1080	1260	
PA 6.6	40	0.5	0.02	180	4	90	162	216	306	432	594	720	900	1080	1260	
PA 12	40	0.7	0.02	180-250	4	90	162	216	306	432	594	720	900	1080	1260	
PBT	40	0.25	0.015	290	2.5	135	243	324	459	648	891	1080	1350	1620	1890	
PC	40	0.16	0.01	250	2	130	234	312	442	624	838	1040	1300	1560	1820	
PE	40	0.2	0.05	190	1.5	120	216	288	408	576	792	960	1200	1440	1680	
PES	40	0.43	0.02	305	2.5	145	261	348	493	696	957	1160	1450	1740	2030	
PEI	50	0.25	0.003	360	4	95	171	228	323	456	627	760	950	1140	1330	
PI	40	0.32	0.05	250	2.5	132	238	317	449	634	871	1056	1320	1584	1848	
PMAA	40	0.4	0.02	180	2.5	120	216	288	408	576	792	960	1200	1440	1680	
POM	40	0.25	0.05	215	2.5	120	216	288	408	576	792	960	1200	1440	1680	
PP	40	0.2	0.05	195	1.5	130	234	312	442	624	858	1040	1300	1560	1820	
PPS	40	0.2	0.005	305	2	116	209	278	394	557	766	928	1160	1392	1624	
PS	40	0.1	0.02	180	1.5	145	261	348	493	696	957	1160	1450	1740	2030	
PSU	40	0.1	0.02	250	1.5	155	279	372	527	744	1023	1240	1550	1860	2170	
PUR	40	0.9	0.01	195	2.5	145	261	348	493	696	957	1160	1450	1740	2030	
SAN	40	0.3	0.05	180	2	155	279	372	527	744	1023	1240	1550	1860	2170	
SB	40	0.6	0.02	180	1.5	155	279	372	527	744	1023	1240	1550	1860	2170	

Technical Data CARD

Max. compressed air consumption (cfm):	11	19	25	35	49	69	82	103	123	144
Installed power (kW):	8.5	8.5	16.5	16.5	31	31	49	49	67	67
Elect. Power consumption at 360 °F (kW):	4.6	8.1	11	15.6	22	30	37	46	55	64
Elect. Power consumption at 250 °F (kW):	3.5	6.3	8.4	11.8	17	23	28	35	42	49
Elect. Power consumption at 120 °F (kW):	2.4	4.3	5.7	8	11	16	19	24	28	33
Max. current at 460V (A):	1.1	1.1	2.1	2.1	3.9	3.9	6.2	6.2	8.4	8.4
Width B and Depth T (inches):	25.2	25.2	32.3	32.3	34.1	37.6	40	42.5	45.2	47.6
Height H ₁ (inches):	88.2	107.5	113.2	126	139.8	155.5	164	176.5	185.8	197.5
Height H ₂ with frame for suction box (inches):	102	121.3	127	139.4	152	167.6	176.2	188.7	198	209.7

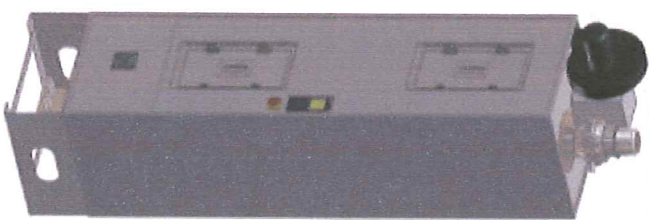
STANDARD CARD EQUIPMENT

- Stainless steel hopper, heater, air ducts, distributor and base plate
- Efficient insulation for operation at temperatures up to 400 °F
- Compact design for minimum floor space with 2 service doors and 2 sight glasses
- FIT controller with graphic display, preprogrammed drying data pages for all common resins, free programmable pages for special resins, fully automatic energy mod. control, sleep mode with lower temperature to avoid over drying, programmable automatic start, interface for remote control, controls for loading and unloading loaders, fault analysis and identification with strobe alarm, drying time display and many other functions (see FIT for more details)

- Controller, switch cabinet and wiring according to CE standards
- Compressed air hose with coupling and power supply cord with plug included
- Electrical power supply: 400 V / 50 Hz or 460 V / 60 Hz

OPTIONAL CARD EQUIPMENT

- Self contained loader or central loading system to load the dryer
- Automatic filter cleaning unit
- Shut-off slide under dryer outlet
- Suction box with single or dual ports
- Base frame for application with suction box
- Self contained loaders and central loading systems to unload the dryer
- Remote control with graphic display and input key board
- Software to display data and control CARD through the molding machine processor
- Software and interface to display data and control central CARD systems
- Dew point meter and resin level indicator with alarm
- Metal separators, blenders and other material handling equipment
- External batch moisture analyzer with PC interface



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