

		ITEM	UNIT	EC1800SX			
P M A L C	Clamp Force		tf	1800			
			US Ton	1978			
	Tie Bar Distance	H x V	mm	1850 x 1660			
		H x V	in	72.5 x 65.3			
	Platen Dimension	H x V	mm	2600 x 2350			
		H x V	in	102.4 x 92.5			
	Clamp Stroke		mm	1700			
			in	66.9			
	Maximum Daylight		mm	3200			
			in	126			
	Mold Height	Min. x Max	mm	800 ~ 1500			
		Min. x Max	in	31.5 ~ 59			
Ejector Force		tf	44				
		US Ton	48.3				
Ejector Stroke		mm	300				
		in	11.8				
N I O T C E J N	Injection Unit			i120		i155	
	Barrel Code			A	B	A	B
	Screw Diameter		mm	115	125	125	140
			in	4.53	4.92	4.92	5.51
	Injection Capacity		cm <sup>3</sup>	6560	7750	8430	11850
			in <sup>3</sup>	400	473.0	514	723
	Shot Volume	PS	g	6040	7130	7755	10900
			oz	213	251	273	384
		PE	g	4790	5660	6150	8650
			oz	169	200	217	305
	Maximum Injection Pressure		MPa	180	152	180	143
			PSI	26,107	22,046	26,107	20,740
	Maximum Holding Pressure		MPa	150	127	150	119
			PSI	21,756	18,420	21,765	17,259
	Injection Speed	STD	mm/s	140		135	
			in/s	5.51		5.31	
	Injection Rate	STD	cm <sup>3</sup> /s	1450	1710	1650	2070
			in <sup>3</sup> /s	88.5	104.3	100.7	126.3
	Injection Speed	HIGH	mm/s	*	*	*	*
			in/s	*	*	*	*
	Injection Rate	HIGH	cm <sup>3</sup> /s	*	*	*	*
			in <sup>3</sup> /s	*	*	*	*
	Plasticizing Capacity (PS)	STD	kg/h	650	730	730	880
			lb/h	1433	1609	1609	1940
Screw Speed	STD	RPM	138	127	127	114	
Screw Torque	STD	ft-lb	6387	6387	6833	8430	
Screw Stroke	STD	mm	632.5		687.5		
		in	24.9		27.1		
Nozzle Touch Force		tf	9.4				
		US Ton	10.3				