

100 HE Plasma Parameters												
Abradables				Hardware		Gas SCFH			Power	Powder Feed		Torch
Powder	Composition	Particle Size	Nozzle	Pwdr Ports	Ext Attach	Ar	N2	H2	GV/KW	Gr/min	Cr Gas	Stnd Off
Amdry 2010	AlSi/Polyester	11-125 micron	866695	Short-.100	2-Port	350	70	60	210/65	85	40	4.5 in
Amdry 2010	AlSi/Polyester	11-125 micron	866695	Short-.100	3-Port	300	100	30	229/50	155	75	6.5 in
SM 601 NS	AlSi/Polyester	11-125 micron	866695	Short-.100	2-Port	300	120	120	269/90	45	40	6.0 in
SM 601 NS	AlSi/Polyester	11-125 micron	866695	Short-.100	2-Port	220	120	NA	157/90	70	20	6.0 in
SM 601 NS	AlSi/Polyester	11-125 micron	866695	Short-.100	3-Port	280	120	50	239/70	140	50	6.0 in
SM 601 NS	AlSi/Polyester	11-125 micron	866695	Short-.100	3-Port	300	120	50	240/70	200	75	6.5 in
MC 517	AlSi/Polyester	11-125 micron	866695	Short-.100	2-Port	320	90	120	243/85	180	40	6.0 in
MC 517	AlSi/Polyester	11-125 micron	866695	Short-.100	2-Port	220	120	NA	177/90	100	40	5.0 in
PAC 905-3	AlSi/Polyester	11-125 micron	866695	Short-.100	2-Port	300	100	120	254/90	100	40	6.0 in
PAC 905-3	AlSi/Polyester	11-125 micron	866695	Short-.100	3-Port	320	90	120	241/85	180	60	6.0 in
PAC 905-3	AlSi/Polyester	11-125 micron	866695	Short-.100	3-Port	220	120	NA	175/95	300	45	6.0 in
PAC 905-3	AlSi/Polyester	11-125 micron	866695	Short-.100	3-Port	300	10	50*	90/50	100	60	6.0 in
SM 313 NS	AlSi/Graphite	7.8-150 micron	866695	Short-.100	2-Port	300	100	30	214/80	50	35	5.0 in
SM 313 NS	AlSi/Graphite	7.8-150 micron	866695	Short-.100	2-Port	300	100	30	214/70	70	40	5.0 in
SM 313 NS	AlSi/Graphite	7.8-150 micron	866695	Short-.100	2-Port	320	100	40	220/80	100	40	6.0 in
SM 313 NS	AlSi/Graphite	7.8-150 micron	866695	Short-.100	3-Port	220	120	NA	152/68	150	60	6.0 in
SM 313 NS	AlSi/Graphite	7.8-150 micron	866695	Short-.100	3-Port	220	120	NA	155/68	170	75	6.0 in
SM 320 NS	AlSi/BN	22-212 micron	866695	Short-.100	2-Port	250	100	50	226/65	100	35	5.5 in
SM 320 NS	AlSi/BN	22-212 micron	866695	Short-.100	2-Port	280	100	220*	175/65	100	30	4.5 in
SM 320 NS	AlSi/BN	22-212 micron	866695	Short-.100	3-Port	200	120	NA	160/90	150	28	6.0 in
SM 2043 NS	CoNiCrAlY/Poly	7.8-176 micron	866695	Short-.100	2-Port	220	100	70	230/85	100	25	6.0 in
SM XPT 268	AlSi/BN/Poly	45-212 micron	866695	Short-.100	3-Port	220	100	60	227/50	100	29	4.5 in
*Helium Gas	* Helium Gas											