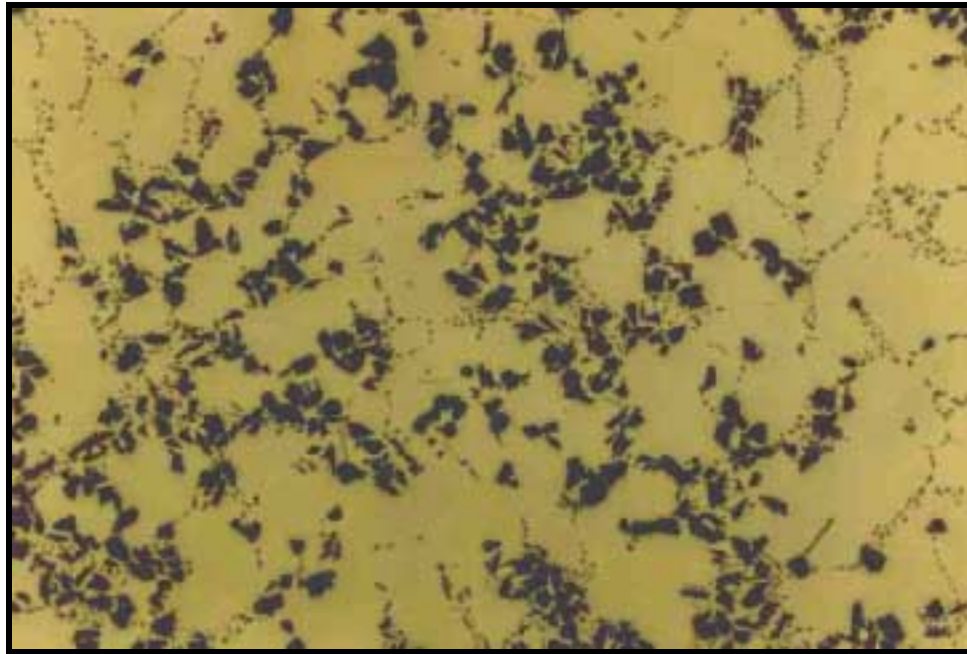


MetPrep Preparation Procedure – No 93



Silicon Carbon Particulate in A356 Aluminium Alloy

	Surface	Abrasive	Pressure		Speed – Dir	Time
Primary Grinding Stage	Paper	P240g SiC	Psi	N	150 – Comp	Until Planar
			5	25		

	Surface	Abrasive	Pressure		Speed – Dir	Time
Additional Grinding Stages	Planocloth H	9 µm (WB) Diamond	Psi	N	250 – Comp	5 mins
			5	25		
	Planocloth	3 µm (WB) Diamond	5	25	250 – Comp	3 mins
	Durasilk	0.06 µm Silco	5	25	100 – Comp	3 mins

	Surface	Abrasive	Pressure		Speed – Dir	Time
Polishing Stage	Chemicalcloth	0.06 µm Silco	Psi	N	80 – Comp	2 mins
			3	15		