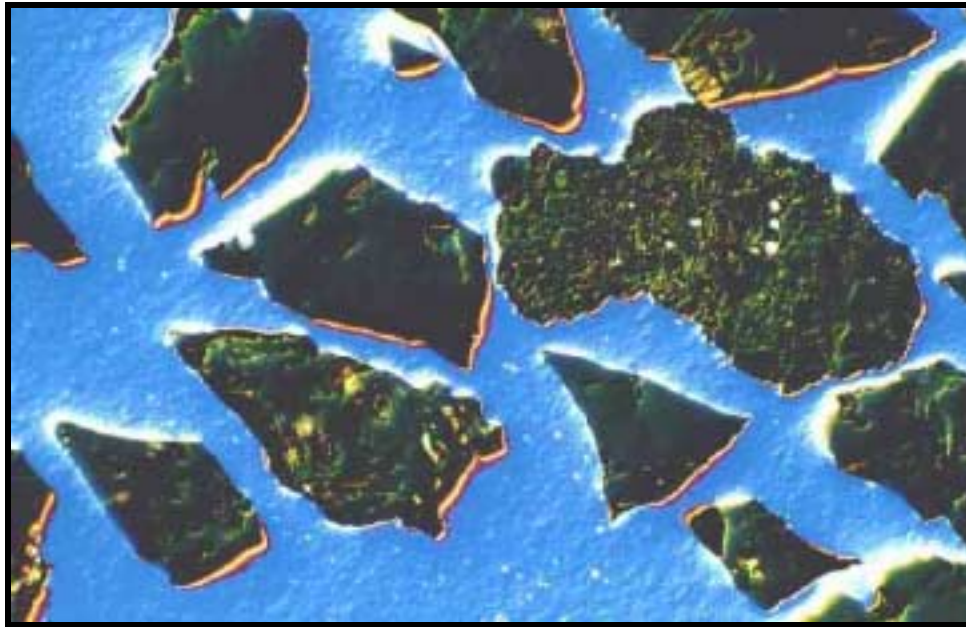


MetPrep Preparation Procedure – No 95



Ceramic Particles in Steel Matrix

	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	4 mins
			5	25		
	Planocloth H	3 µm (WB) Diamond	5	25	250 – Comp	5 mins
	Planocloth	1 µm (WB) Diamond & 0.06 µm Silco	5	25	100 – Comp	2 mins

	Surface	Abrasive	Pressure		Speed – Dir	Time
Polishing Stage	Chemicloth	0.06 µm Silco	Psi	N	100 – Comp	2 mins
			3	15		