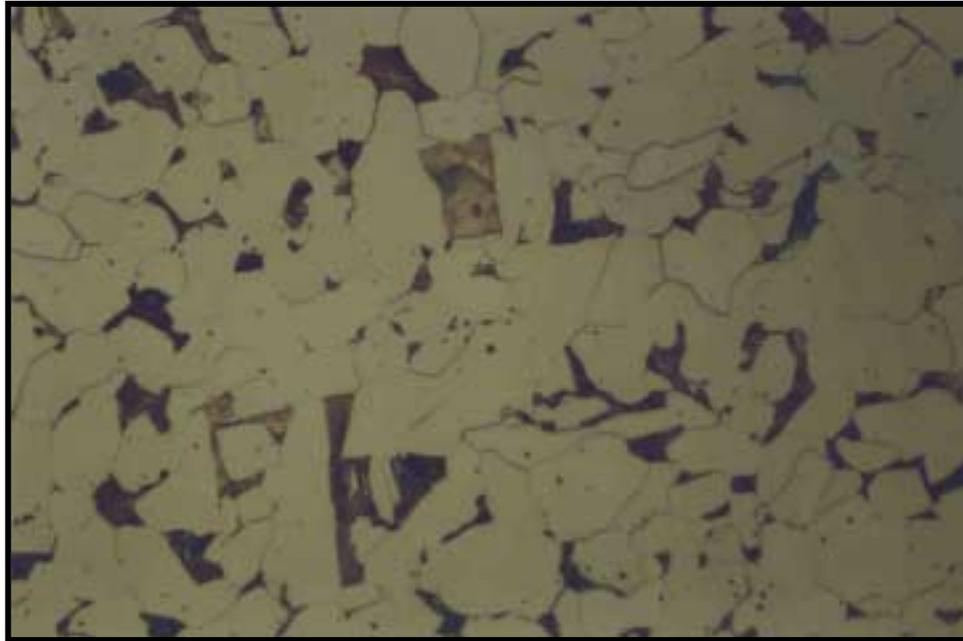


# MetPrep Preparation Procedure – No 1



## 0.1% Carbon Steel

	Surface	Abrasive	Pressure		Speed – Dir	Time
Primary Grinding Stage	Paper	P180g SiC	Psi	N	150 – Comp	Until Planar
			5	25		

	Surface	Abrasive	Pressure		Speed – Dir	Time
Additional Grinding Stages	Planocloth H	9 $\mu\text{m}$ (WB) Diamond	Psi	N	250 – Comp	5 mins
			5	25		
	Nylap	3 $\mu\text{m}$ (WB) Diamond	5	25	250 – Comp	4 mins

	Surface	Abrasive	Pressure		Speed – Dir	Time
Polishing Stage	Alphacloth	0.05 $\mu\text{m}$ Alumina	Psi	N	80 – Comp	2 mins
			3	15		