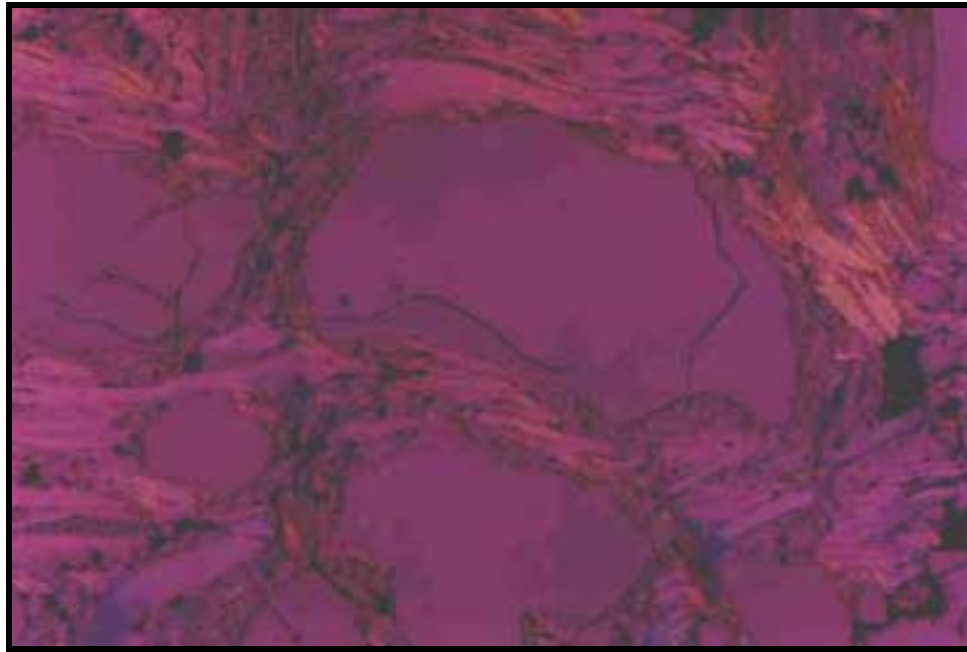


MetPrep Preparation Procedure – No 175



Zirconia Graphite Refractory

	Surface	Abrasive	Pressure		Speed – Dir	Time
			Psi	N		
Primary Grinding Stage	Lapped on Glass Plate	P1200g SiC Powder	5	13	250 – Comp	Until Planar
			2.5	13		

	Surface	Abrasive	Pressure		Speed – Dir	Time
			Psi	N		
Additional Grinding Stages	Planocloth H	15 µm (WB) PCD Diamond	5	25	250 – Comp	12 mins
			5	25		
	Planocloth	3 µm (WB) PCD Diamond	5	25	250 – Comp	10 mins
	Planocloth	0.06 µm Silco	5	25	100 – Contra	15 mins

	Surface	Abrasive	Pressure		Speed – Dir	Time
			Psi	N		
Polishing Stage	Chemcloth	0.06 µm Silco	5	25	100 – Comp	2 mins
			5	25		