

Grades of IPOL

	Standard Grades				Special Grades		
	CC	CM	CF	CXL	<i>W grade</i>	<i>S grade</i>	<i>L grade</i>
Type	Carbide backed	Carbide backed	Carbide backed	Carbide backed	Carbide backed	Carbide backed	Carbide backed
Grain size (mm)	25	10	4	25	(CC, CM, CF)	(CM)	(CM)
Diamond (vol.%)	94	92	90		90	80	50
Major Binder	Co	Co	Co		WC	WC	WC
Characteristics	✓ Good wear resistance with strong Diamond bonding	✓ For general purposes	✓ Good surface finish	✓ Specially designed to have superior wear resistance	✓ Easy WEDM cutting & good impact resistance	✓ Excellent impact resistance & Easier tool fabrication	✓ Easier to Grind & sharper cutting edge possible

Confidential Information

The Best Technology of Materials



Diamond