

IV Technologies Co., Ltd



About iVT

Our company is at the forefront of CMP polishing pad technology with more than 20 years pad manufacturing experience and our pads are utilized in leading edge advanced applications. Our products are adopted by many well-known integrated circuit manufacturers around the world and acknowledged for our competitiveness and uniqueness.

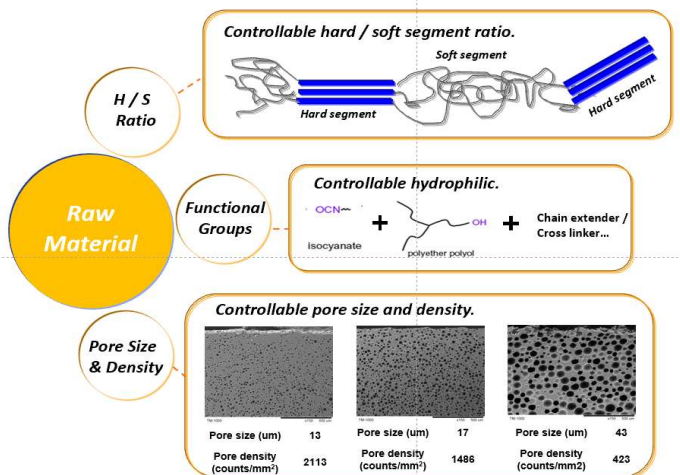
Customization

iVT CMP pad design is highly customizable to meet different customer's technology challenges and needs.

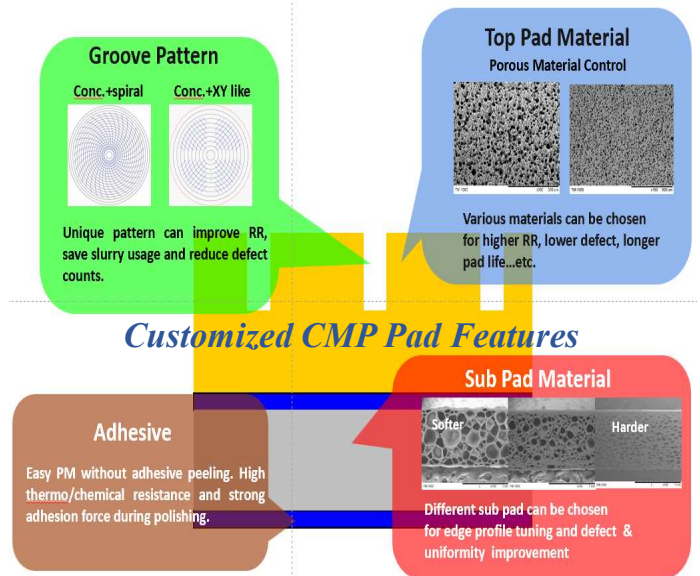
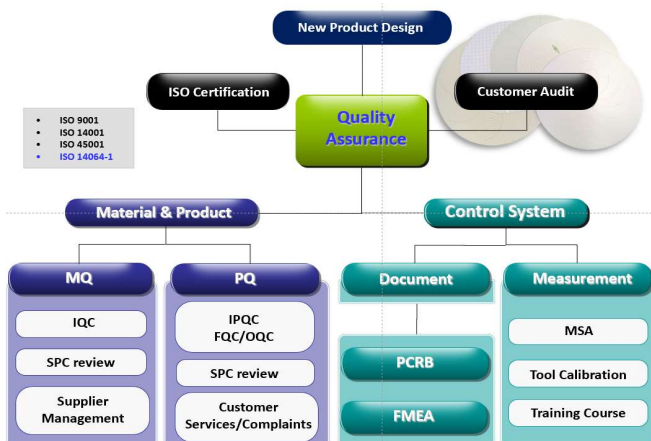
Core Technology

Our pad utilizes proprietary polyurethane formulation & synthetic technology, molding Process, polymer elastomer, CNC machine tool precision processing and laminating technology.

PU Formulation Design & Control



Quality Assurance



Product Portfolio

HyperpureVictor Series				GleamVictor Series			Beyond
HV8000 HV8260 HV8280 HV8360	HV6000 HV6240 HV6280	HV2000 HV2280 HV2380	HV3000 HV3020	GV3000 GV3140 GV3160 GV3180	GV8000 GV8140 GV8160	GV6000 HV2280 HV2380	Next Generation-1
		HV2380 • Hardness ~60D • High PE		GV3180 • Hardness ~65D • High PE • Long pad life		GV6000 • Hardness 65~69D • Few pore • Low defect	• High Stiffness with high porosity • Ultra fine pore (<10um) • High RR • High PE
		HV2280 • Hardness ~58D • High RR		GV3160 • Hardness ~61D • High RR • Long pad life	GV8160 • Hardness ~59D • Fine porous • Low defect		
		HV8360 • Hardness ~57D • Low defect					
	HV8260 • Hardness ~55D • High RR	HV6280 • Hardness ~55D • High RR		GV3140 • Hardness ~53D • High RR • Long pad life	GV8140 • Hardness ~53D • High RR • Low defect		
	HV6240 • Hardness ~49D • High RR • Low defect						Next Generation-2
			HV3020 • Hardness ~30D • Open pore • Low defect • Ultra soft				• Ultra soft hardness 30~40D • Fine pore / Closed pore • Low defect

Innovation

Our R&D teams comes from a diverse background including material scientist, semiconductor process experts, quality management experts and CMP technical scientist.