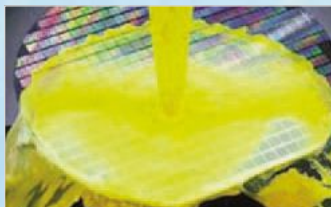
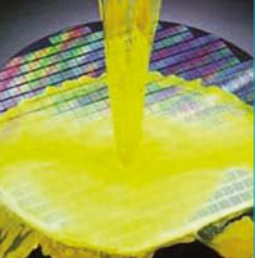

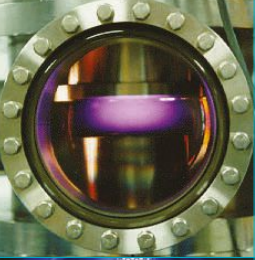
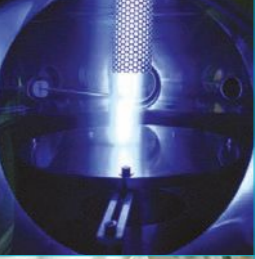






Isolast® Fab Range™ Selection Guide



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Application	Compound	Processes	Typical Chemicals/Gases	Operating Temperature	Hardness shore A, IRHD +/- 5	Color	Compression Set in % ASTM D 395B 72 h/204 °C/400 °F
	J9610	wet cleaning etching stripping plating CMP	TMAH, Stoddard Solvent, HF, H ₃ PO ₄ , nMP, CuSO ₄ , UPDI, CMP slurries	-25 °C / 235 °C -13 °F / 455 °F	75	black	17
	J9650	RTP, CVD diffusion dry plasma etch, dry ashing metallization deposition annealing	Resistance to IR absorption, SF ₆ , CF ₄ /O ₂ , NF ₃ , O ₂ , CHF ₃ , TMS, TEOS, SiH ₄ , High Vacuum	-15 °C / 320 °C 5 °F / 608 °F	75	black	14
	J9630	dry plasma etch oxidation CVD plasma ashing diffusion metallization	SF ₆ , CF ₄ /O ₂ , NF ₃ , O ₂ , NH ₃ , CHF ₃ , TMS, TEOS, SiH ₄	-15 °C / 260 °C 5 °F / 500 °F	85	white	30
	J9670	high temperature plasma processes dry plasma etch PVD, CVD	SF ₆ , BCl ₃ /O ₂ , NF ₃ , CHF ₃ , O ₂ , HCl, High Vacuum, Al, Cu, Ta, Ti, TEP, TEOS, SiH ₄	-15 °C / 315 °C 5 °F / 599 °F	75	beige	30
	J9680	dry plasma etch oxidation CVD plasma ashing diffusion metallization	SF ₆ , BCl ₃ /O ₂ , CHF ₃ , O ₂ , HCl, Al, Cu, Ta, Ti, TEP, TEOS, SiH ₄	-10 °C / 230 °C 14 °F / 446 °F	75	translucent	30
	J9675	ECP wet stripping fluorine + oxygen based plasma processes	ArF ₂ , NF ₃ , CuSO ₄ , H ₂ SO ₄ , nMP, Hydroxylamine, O ₂ , CF ₄ , SF ₆ , CCl ₄ , Cl ₂	-15 °C / 300 °C 5 °F / 572 °F	75	cream	20

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