



Specification Data Sheet

Metallization Specifications

Chrome Metallization Specifications			
Parameter	High Reflective Chrome (HRC)	Medium Reflective Chrome (MRC)	Low Reflective Chrome (LRC)
Optical Density @ $\lambda=436\text{nm}$	2.8±0.2		
Deviation within active area	<±0.1		
Reflective @ $\lambda=436\text{nm}$	60±3%	33±3%	12±2%
Film thickness	800±50Å	900±50Å	1000±60Å
Film adhesion	Excellent		

Iron Oxide Metallization Specifications		
Parameter	Iron Oxide (IO)	
Optical Density	@ $\lambda=5800\text{Å}$	0.35-0.50
	@ $\lambda=4000\text{Å}$	2.0-2.5
Reflective @ $\lambda=436\text{nm}$	25±5%	
Film thickness	2000Å	
Film adhesion	Excellent	
Pinholes @ 1-4 μ after U.S. IPA for 2 minutes	<0.05ph/cm ²	

Photoresist Coating Parameters	
Photoresist Coatings	AZ1518 and AZTFP650
Photoresist Thickness	5300±100Å Standard Fringeless photoresist coating available