

Anolux MIRO® SILVER - 27AG

Revision Index: July 12, 2004

Mechanical Properties

Alloy:	Al 99.85	PVD 99.99 AG
Hardness:	Hard	DIN EN 485-2 resp. Millsnorm
Tensile Strength KSI:	23.2 – 29.0	
Yield Strength KSI:	20.3 – 26.1	
Elongation A10 or d5 (%):	>=	2
HB (Brinell) ~ HV Vickers:		
Oxide Layer:	PVD coated	
Treatment:	Electrolytically bright anodized and PVD coated	
Bending/Deformation:	Smallest interior radius = 1.5 X thickness of metal	
Surface Protection:	PE – easily removable Polyethylene Film with acrylic adhesive, not UV resistant, different colors.	
Storage:	Store material indoors in a dry area, not exposed to UV or excess heat.	

Optical values

Total-Reflection	%	98	Values taken with Ulbricht-globe (DIN 5036-3)
Degree of Iridescence		0	Total absence of colours
Diffuse Reflection 15°	>	6	Values taken with Ulbricht-globe (DIN 5036-3)
Brightness (along)		93	Values taken with Dr. Lange ISO 7668 – calibrate 91.8/60°
Brightness (across)		92	Values taken with Dr. Lange ISO 7668 – calibrate 91.8/60°
Total Reflectance TR-2	Min.	98	ASTM E 1651 (TR2)
Image Clarity (DI)		97	Values taken with Hunter-Dorigon ASTM E 430.