

Anolux® Hammertone

Revision Index: July 12, 2004

Mechanical Properties

Alloy:	Al	99.85	
Hardness:	Hard Rolled		DIN EN 485-2 resp. Millsnorm
Tensile Strength KSI:	23.2 – 29.0		
Yield Strength KSI:	21.8 – 27.6		
Elongation A10 or d5 (%):	>=	2	
HB (Brinell) ~ HV Vickers:			
Oxide Layer:	2.3 ± 0.2		
Treatment:	Electrolytically bright anodized		
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	%	86	Values taken with Ulbricht-globe (DIN 5036-3)
Degree of Iridescence		2	Controlled Colours
Diffuse Reflection 15°	%	86	Values taken with Ulbricht-globe (DIN 5036-3)
Brightness (along)		▪	Values taken with Dr. Lange ISO 7668 – calibrate 91.8/60°
Brightness (across)		▪	Values taken with Dr. Lange ISO 7668 – calibrate 91.8/60°
Total Reflectance TR-2	Min.	86	ASTM E 1651 (TR2)
Image Clarity (DI)		▪	Values taken with Hunter-Dorigon ASTM E 430.