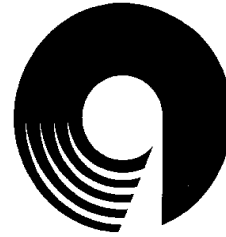


Andrew Sabel, Inc.
P.O. Box 5583
Ketchum, ID. 83340
Tel: 208-726-3003
Fax: 208-726-1212

Alanod
Postfach 1102
D-58240 Ennepetal 1
GERMANY



As sales agent on behalf of
alanod[®]
Aluminum - Veredlung
GmbH

anodized aluminum coil - strip - sheet

ALANOD MATERIAL CERTIFICATION

MATERIAL DESIGNATION : 4400YP

03/11/10

PO Reference :
Alanod Order number / **skid number**:

Alloy and Hardness (according to DIN 1785) : Alloy 1085 / PVD 99.99
Tolerances : According to DIN 1783/1784
Restricted tolerances upon request

Treatment : Electrolytically Brightened / Anodized
Multi layer Physical Vapor Deposition

Mechanical Properties

Tensile : 23,2 - 29.0 ksi
Yield : 20,3 – 26,1 ksi
Elongation : > 2 %

Reflection Values

Total Reflection TR-2 : $\geq 95\%$
Image Clarity D/I : $\geq 95\%$
Diffuse Reflection : < 12
Diffuseness (H 15) : ≤ 0.01