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**PRODUCT
DATA
SHEET**

**Testing Stainless Steels for
Molybdenum**

**Stainless
Steels**



AVESTA MOLY-DROP TEST – 960
Preliminary data sheet June 2001

Features

Avesta Moly-Drop test 960 is an easy to use chemical test that helps fabricators differentiate 304 grade stainless steel from 316 grade.

With this simple chemical test you can check if your stock piece or scrap of stainless steel is 304 or 316. The test will identify the grade within 5-10 minutes through a colour change.

Characteristics

USAGE

Can be used on stainless steel 300 series material to test presence of Molybdenum to differentiate grade 304 (no moly) from 316 (with moly)

SHELF LIFE

The product has two-year shelf life when stored properly. Exposure to high temperatures, such as direct sunshine, should be avoided as this may damage the product.

SAFETY

The product is corrosive and proper protective clothing should be worn.

CHEMICAL PROPERTIES

Composition:	Hydrochloric acid (HCl), Property ingredient
Form:	Yellow liquid
Density:	1.3 kg/lit
pH:	1-2
Flammable:	No



STORAGE

Avesta 960 should be stored indoors at room temperature. Bottles must be kept properly closed, in an upright position and inaccessible to unauthorised persons.

PACKAGING

960 is supplied in 30 ml (~200 tests) bottles.

NEUTRALISATION AND DISPOSAL

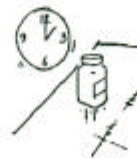
Wipe surface afterwards to remove spent / excess acid and dispose of properly in a sealed plastic container.

Instructions for use



1-Shake the product thoroughly before use.

2-Rub the surface with abrasive



3-Apply 1-2 drops. Wait 5-10 minutes.

4- Result
Colour change - dark brown / 316 grade (moly)
No colour change / 304 grade (no moly)

INFORMATION 960

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