MATERIAL PLUS

A PACE TECHNOLOGIES PRODUCT

This module is specific for Coating Thickness

COATING THICKNESS

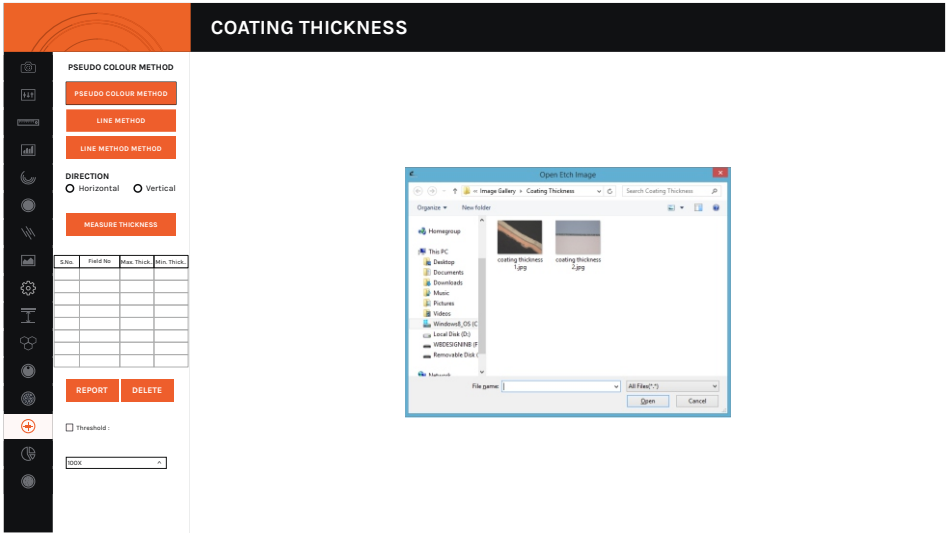
ABOUT THE COATING THICKNESS

Plating or coating thickness is determined by cross-sectional microscopy method. The specimen is cross- sectioned, mounted, polished and microscopically evaluated for measuring the plating or coating thickness, sometimes, etching of the core base metal may be necessary to accurately measure the coating or plating thickness.

The test method covers measurements of the local thickness of mental and oxide coatings by the microscopical examination of cross sections using an optical microscope. Under good condition, when using an optical microscope, the method is capable of giving an absolute measuring accuracy of 0.8 m. this with determine the suitability of the method for measuring the thickness of thin coating.

1st Step

Fig-74



Click two times on appropriate image for analysis of Pores.

2nd Step

Select the appropriate saved calibration to perform analysis on the image.

Fig-75

3rd Step

Fig-76

4th Step

Fig-77

5th Step

Fig-78

6th Step

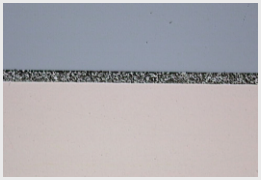
Fig-79

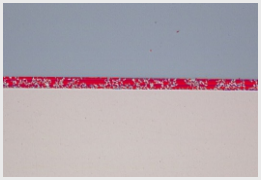
RESULT ARE AVAILABLE IN EXCEL IN A-4 SIZE

COATING THICKNESS REPORT

CUSTOMER NAME :	Dewinter Optical Inc.	PART NAME:	Seamless Pipe
EVALUATION DATE :	2016-09-08-14-39-53	PART NO. :	124
REPORT NO. :	223	MATERIAL GRADE :	223
DRAWING NO:	———	SUPPLIER HEAT QTY. :	———
SUPPLIER HEAT NO :	———	BATCH NO. :	———
INVOICE NO./QTY :	———	COLOR CODE :	———

COATING THICKNESS REPORT - ASTM V487





Serial Number	Field Number	Maximum Thickness	Minimum Thickness	Average
P1	Field 1	79.439	0.935	8.731

Remarks

Approved By

Fig-80