

This module is specific for Inclusion



INCLUSION

ABOUT THE INCLUSION

Using Material Plus software a user can identify four types of inclusion.

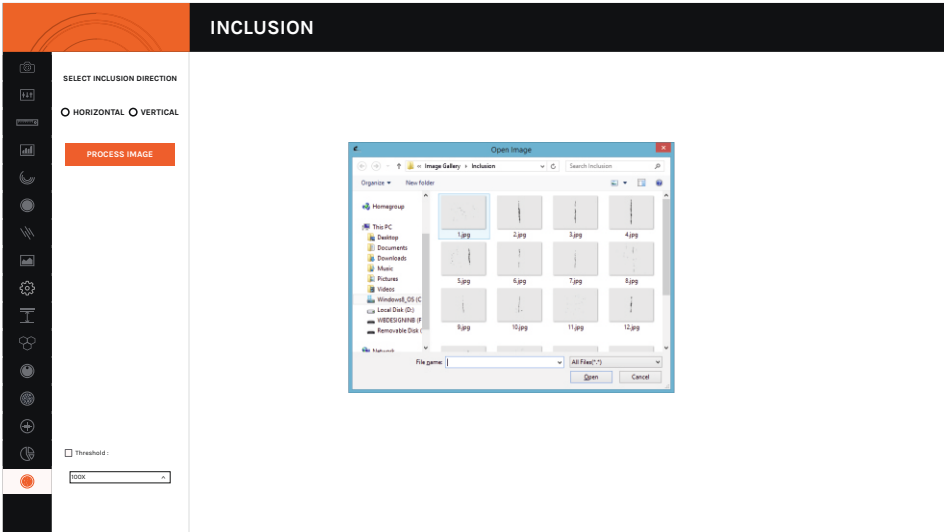
SULFIDE TYPE (A TYPE), ALUMINA TYPE (B TYPE)

SILICATE TYPE (C TYPE), GLOBULAR TYPE (D TYPE)

Each type is further divided into Thin and Heavy, based on the width parameters.

1st Step

Fig-68



Click two times an appropriate image to open it for analysis.

2nd Step

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



Fig-69

3rd Step

Fig-70



Click on threshold and move cursor till all inclusions (sulphide + oxides) are selected.

4th Step

Click on **MEASURE** button to measure the inclusion and move slider till all sulphide aquare green color.



Fig-71

Fig-72




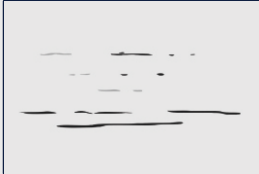
Click on **REPORT** button to to see the analyzed report.

RESULT ARE AVAILABLE IN EXCEL IN A-4 SIZE

INCLUSION 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 :	_____

INCLUSION ANALYSIS



Inclusion Type	Fine	Thick
Type A Analysis	0	4.50 S(w)
Type B Analysis	0	0
Type C Analysis	0	0
Type D Analysis	0	10.00
Type DS Analysis	0.50	0

Remarks

Approved By

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