

Depth of Decarburization of Steel by Image Analysis as per ASTM E 1077 (V1.5)

Date: 2009 03 18
Company: Clemex Technologies Inc.
Department: Laboratory
User: MS
Customer: Cie 01
Sample ID: ID1

Magnif.: 200x
Calibration: 0.4689 $\mu\text{m}/\text{pixel}$
Heat Treat.:
Location:
Etchant:
Method:

Units: microns
Fields: 1
Field area: 287038
Total Area: 287038
T area (mm²): 0.29
t (for CI): 2

Special Manufacturer agreements:
Only a portion of the surface decarburized?:
Did you find some imperfections?:

	Mean	Min.	Max	Std Dev	Count	95% CI	% RA	Range (from - to)	
Total:	275.00	232.10	300.55	17.72	101	3.53	1.28	273.72	276.28
Partial (top)	43.81	23.91	54.39	6.19	101	1.23	2.81	40.99	46.62
Partial 2:	231.20	198.34	254.60	14.71	101	2.93	1.27	229.93	232.46

Figure 1: Depth distribution of total decarburization.

Comments:

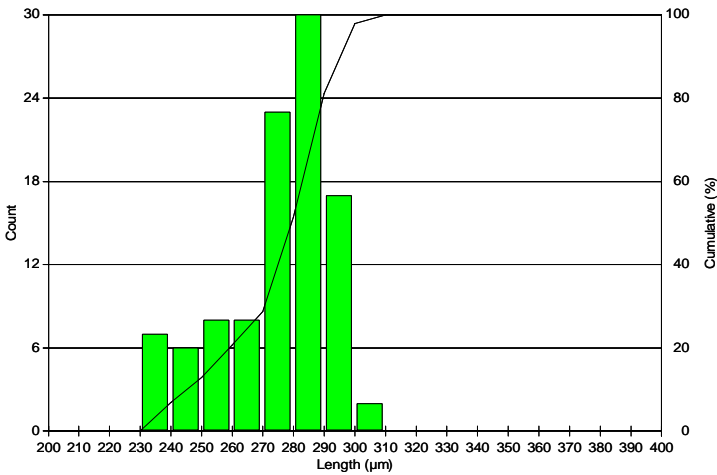


Figure 2: image comment

