

% FERRITE (VOLUME FRACTION BY MANUAL 25 POINT COUNT)

Laboratory Number	Average Area Fraction ¹	Standard Deviation	95% CI	Ferrite (%)	Location
15882-2MET2	0.53	0.066	8.2	53 ± 8.2	Base
	0.51	0.156	19.4	51 ± 19.4	HAZ
	0.53	0.072	8.9	53 ± 8.9	Weld
Customer Req. (Range)				35 - 60	

Etchant(s): NaOH + H₂O

Magnification(s): 500x

Method(s): ASTM E562-11

¹ Average of five fields