



**Kit 10-1 2016 PTP
Metallic**

Technical Definition

Grain Size Determination – Stainless Steel 304L

Instructions to participant laboratories

Carefully read these instructions **BEFORE** starting the tests.

1. One specimen is supplied to each participant.
2. No additional machining of specimens is required.
3. Each participant is required to prepare the non-identified face of the specimen for evaluation using their usual polishing and etching techniques for this evaluation.
4. Determine the average grain size at the center of the specimen in accordance with ASTM E112-13 and the approved method routinely used by the laboratory (i.e. grain intercept, comparison etc).
5. Report all information required by ASTM E112-13 for the method used to determine the average grain size.
6. Testing may commence as soon as test specimens are received. All participant laboratories must supply results by 15th May 2016.
7. Instructions for submission of results are detailed on the website:

<https://ptpscheme.com>
8. To ensure the confidential treatment of your results in the final report, you will be allocated a unique identity number when you register for the program.