Preparation of the month - Four fascinating applications

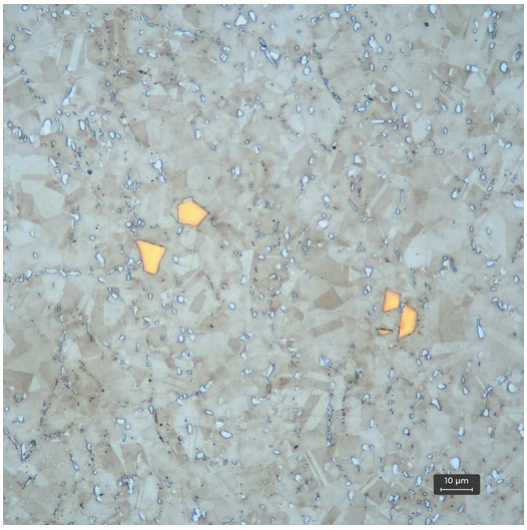


Dear Mr. Terefe,

Our preparation of the month offers you exclusive insights into current materialographic challenges and how to master them perfectly using the right methods. Take a look at the last four preparations and see for yourself why it’s worth checking in regularly!

Click here for the preparations

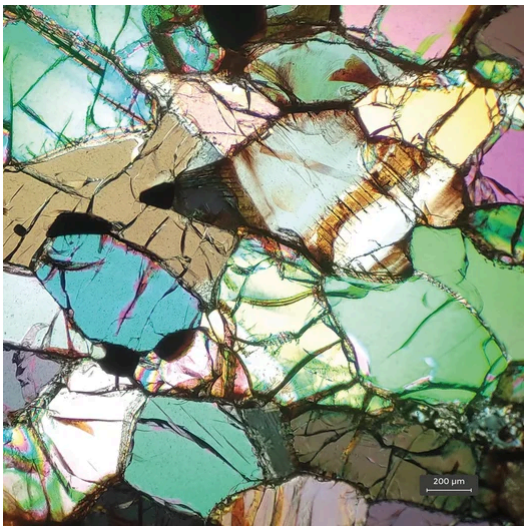
April 2026 - reliable preparation Inconel 718



Inconel 718 is an extremely durable nickel-based alloy used, for example, in turbines, rocket engines, and high-temperature systems. To reliably assess its complex microstructure, meticulous metallographic preparation is essential. In the April issue, we'll show you how targeted grinding, polishing, and etching can make microstructures - such as grain boundaries, phases, and precipitates - clearly visible.

April preparation pdf

March 2026 - perfect preparation of Duplex Steel



Whether rock, ore, or fossils: The February issue provides a quick overview of optimal cutting, mounting, and polishing processes for geological samples. The focus is on practical recommendations and typical applications.

February preparation pdf

January 2026 - Precise Preparation of Titanium Alloys

Titanium alloys are challenging, but with the right method, you can achieve a clean, artifact-free preparation. The January preparation guide provides a concise overview of how to reliably assess microstructure and phases and achieve optimal results in just three steps.

January preparation pdf



Discover now

You will find more preparations of the month on our website!

Click here for the preparations

We look forward to taking you on another journey into the fascinating world of materials science next month!

With best regards
QATM – Materialography & Hardness Testing

Verder Scientific Pty Ltd
10 Village Crescent Linbro Business Park, 2065 Johannesburg, Gauteng South Africa

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