ISO/ASTM 52940:2025-11 (E)

Additive manufacturing of ceramics - Feedstock materials - Characterization of ceramic slurry in vat photopolymerization

Contents

Page

Foreword ..... **iv**

1 Scope **1**

2 Normative references **1**

3 Terms and definitions **1**

4 Sampling and preparation of test sample **2**

5 Slurry characterization **2**

5.1 Ceramics content 2

5.2 Dynamic viscosity 2

5.3 Particle size distribution 3

5.4 Chemical composition of ceramic powders 4

5.5 Solid dispersion stability 5

6 Test report **5**

Annex A (informative) **Principle of the ceramics content** **7**

Annex B (informative) **Characteristics and observation methods for changes in dispersion stability** **8**

Bibliography **9**