



**SLOVENSKI STANDARD**  
**SIST-TP CEN ISO/ASTM TR 52952:2023**

**01-september-2023**

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**Dodajalna izdelava kovinskih izdelkov - Surovine - Korelacija med meritvami rotirajočega bobna in raztresljivostjo prahu v strojih za spajanje prahu na podlagi z laserskim žarkom (PBF-LB) (ISO/ASTM TR 52952:2023)**

Additive Manufacturing of metals - Feedstock materials - Correlating of rotating drum measurement with powder spreadability in PBF-LB machines (ISO/ASTM TR 52952:2023)

Additive Fertigung von Metallen - Ausgangsmaterialien - Korrelation zwischen der Messung der rotierenden Trommel und der Pulververteilbarkeit in PBF-LB-Maschinen (ISO/ASTM TR 52952:2023)

Fabrication additive de métaux - Matières premières - Corrélation de la mesure du tambour rotatif avec la capacité d'étalement de la poudre dans les machines PBF-LB (ISO/ASTM TR 52952:2023)

**Ta slovenski standard je istoveten z: CEN ISO/ASTM TR 52952:2023**

**ICS:**

25.030

3D-tiskanje

Additive manufacturing

**SIST-TP CEN ISO/ASTM TR 52952:2023 en**



TECHNICAL REPORT

CEN ISO/ASTM TR 52952

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TECHNISCHER REPORT

July 2023

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English Version

Additive Manufacturing of metals - Feedstock materials -  
Correlating of rotating drum measurement with powder  
spreadability in PBF-LB machines (ISO/ASTM TR  
52952:2023)

Fabrication additive de métaux - Matières premières -  
Corrélation de la mesure du tambour rotatif avec la  
capacité d'étalement de la poudre dans les machines  
PBF-LB (ISO/ASTM TR 52952:2023)

Additive Fertigung von Metallen - Ausgangsmaterialien  
- Korrelation zwischen der Messung der rotierenden  
Trommel und der Pulververteilbarkeit in PBF-LB-  
Maschinen (ISO/ASTM TR 52952:2023)

This Technical Report was approved by CEN on 13 June 2023. It has been drawn up by the Technical Committee CEN/TC 438.

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**CEN ISO/ASTM TR 52952:2023 (E)**

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## **European foreword**

This document (CEN ISO/ASTM TR 52952:2023) has been prepared by Technical Committee ISO/TC 261 "Additive manufacturing" in collaboration with Technical Committee CEN/TC 438 "Additive Manufacturing" the secretariat of which is held by AFNOR.

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52952

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**Additive manufacturing of metals —  
Feedstock materials — Correlating  
of rotating drum measurement with  
powder spreadability in PBF-LB  
machines**

*Fabrication additive de métaux — Matières premières — Corrélation  
de la mesure du tambour rotatif avec la capacité d'étalement de la  
poudre dans les machines PBF-LB*

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## Foreword

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This document was prepared by Technical Committee ISO/TC 261, *Additive manufacturing*, in cooperation with ASTM Committee F42, *Additive Manufacturing Technologies*, on the basis of a partnership agreement between ISO and ASTM International with the aim to create a common set of ISO/ASTM standards on additive manufacturing, and in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 438, *Additive manufacturing*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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