ISO/ASTM 52900:2021-11 (E)

Additive manufacturing - General principles - Fundamentals and vocabulary

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1
3.1 General terms 1
3.2 Process categories 2
3.3 Processing: general 4
3.4 Processing: data 5
3.5 Processing: positioning, coordinates and orientation 7
3.6 Processing: material 10
3.7 Processing: material extrusion 11
3.8 Processing: powder bed fusion 12
3.9 Parts: general 14
3.10 Parts: applications 14
3.11 Parts: properties 14
3.12 Parts: evaluation 16

Annex A (normative) Identification of AM processes based on process categories and determining characteristics 17

Annex B (informative) Basic principles 20

Bibliography 25

Alphabetical index 26