

DIN EN 12020-1:2022-05 (E)

Aluminium and aluminium alloys - Extruded precision profiles in alloys EN AW-6060 and EN AW-6063 - Part 1: Technical conditions for inspection and delivery

Contents	Page
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	5
4 Ordering information	5
4.1 General	5
4.2 Reference to a drawing	6
5 Requirements	7
5.1 Production and manufacturing processes	7
5.2 Quality control	7
5.3 Chemical composition limit	7
5.4 Mechanical properties	8
5.5 Freedom from surface defects	8
5.6 Tolerances on dimensions and form	8
5.7 Section mass	8
6 Test procedures	8
6.1 Sampling	8
6.1.1 Samples for chemical analysis	8
6.1.2 Mechanical properties	8
6.2 Test methods	8
6.2.1 Chemical composition limit	8
6.2.2 Hardness testing	9
6.2.3 Tensile testing	9
6.2.4 Measurement of dimensions	9
6.2.5 Surface finish	9
7 Inspection documents	9
8 Marking of products	9
9 Packaging	9
10 Arbitration	9
Bibliography	10