

DIN EN ISO 22068:2014-06 (E)

Sintered-metal injection-moulded materials - Specifications (ISO 22068:2012)

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	5
4	Test methods for normative properties	5
4.1	General	5
4.2	Chemical composition	5
4.3	Density	5
4.4	Tensile strength	5
4.5	Tensile yield strength	6
4.6	Elongation	6
4.7	Magnetic properties	6
5	Other test methods	6
5.1	Hardness	6
5.2	Corrosion resistance	6
5.2.1	Sulfuric acid test	6
5.2.2	Copper sulfate test	6
5.2.3	Boiling water test	6
5.2.4	Salt spray test	6
6	Information and explanatory notes	7
6.1	Minimum value concept	7
6.2	Minimum mechanical property values	7
6.3	Proof testing	7
6.4	Chemical composition	7
6.5	Density and residual porosity	7
6.6	Heat treatment	7
7	Designation of materials	8
7.1	Designation system	8
7.2	Description block	8
7.3	Identity block	8
7.4	Individual item block	8
8	Material specifications	9
Bibliography		14