

DIN EN 15042-1:2006-06 (E)

Thickness measurement of coatings and characterization of surfaces with surface waves - Part 1: Guide to the determination of elastic constants, density and thickness of films by laser induced surface acoustic waves

Contents		Page
	Foreword	3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Symbols and abbreviations	5
5	Description of the method	6
6	Determination of the elastic constants, density thickness of the film	16
7	Test report	19
	Annex A (informative) Material data	21
	Annex B (informative) Other methods for determining Young's modulus of film materials	23
	Bibliography	26