

DIN EN 45555:2020-04 (E)

General methods for assessing the recyclability and recoverability of energy-related products

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
3.1	Definitions	5
3.2	Abbreviations	7
4	Overview and guidance	7
5	EoL treatment scenario	9
5.1	General considerations	9
5.2	Specification of the reference EoL treatment scenario	10
5.3	Representativeness of the reference EoL treatment scenario	12
5.4	Data sources of the reference EoL treatment scenario	12
6	Design related criteria affecting recyclability and recoverability	13
6.1	General considerations	13
6.2	CRM related design characteristics	14
6.2.1	General considerations	14
6.2.2	Assessment method	14
7	Assessment of the recyclability and recoverability of an ErP	14
7.1	General considerations for quantifying recyclability and recoverability	14
7.2	Material clustering and unspecified materials	16
7.3	Detailed assessment of recyclability factor and recoverability factor	16
7.4	Simplified assessment of recyclability factor and recoverability factor	17
8	Documenting the assessment of the recyclability and recoverability	17
8.1	General	17
8.2	Elements of the assessment	17
8.3	Documentation	18
Annex A(informative) Description of the workflow for the users of this document		19
Annex B(informative) Example of an EoL treatment scenario flow diagram for one material		21
Annex C(informative) Relationship with environmental impacts of recycling and recovery		24
Bibliography		25