DIN SPEC 91481:2024-02 (E)

Classification of recycled plastics of polyamides by Data Quality Levels for use and (digital) trading; Text in English

Inhalt

Seite

Foreword 4

Introduction 6

1 Scope 7

2 Normative references 7

3 Terms and definitions 7

4 Abbreviations 9

5 Digital Product Passport 10
5.1 Requirements for data capture, creation and supersedence 10
5.1.1 General 10
5.1.2 Content requirements 10
5.1.3 Validation 11
5.1.4 Amendments and re-issuing 11
5.1.5 Supersedence 12
5.2 Requirements for data transfer & traceability 12
5.2.1 System boundaries for Digital Product Passports and Digital Waste Passports 12
5.2.2 General principles of data transfer 12
5.2.3 Best Practice in data transfer 13
5.3 Traceability 13

6 Data Quality Level (DQL) for contaminants 13

7 Data Quality Level (DQL) for polyamides 13
7.1 DQL according to DIN SPEC 91446 13
7.2 DQL for polyamides 14
7.3 Further explanations for optional characteristics 14
7.3.1 General 14
7.3.2 Intentionally added substances 14
7.3.3 Retained samples 14
7.4 Sampling and sample preparation 14

Annex A (normative) Requirements for the individual DQLs 15

Bibliography 19

Figures

Figure 1 — System of Digital Product and Digital Waste Passports in Automotives (example) 12

Tables

Table 1 — Validation responsibility as per Data Quality Level 11

Table 2 — DQLs per required information and properties, and optional characteristics 14

Table A.1 — Information (I) 15

Table A.2 — Properties (P) 16

Table A.3 — Optional Characteristics 17