

DIN EN 14243-2:2019-05 (E)

Materials obtained from end of life tyres - Part 2: Granulates and powders - Methods for determining the particle size distributions and impurities, including free steel and free textile content

Contents

	Page
European foreword	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Categories of products obtained from end-of-life tyres based mainly on their dimensions and particle size distribution	6
5 Determination of particle size distribution for granulates and powders	7
Annex A (normative) Determination of free steel content for granulates and powders by the method of magnetic separation	17
A.1 General	17
A.2 Principle of determination	17
A.3 Sampling	17
A.4 Equipment	17
A.5 Procedure	18
A.6 Calculation	19
A.7 Metrological characteristics	19
A.8 Test report	19
Annex B (normative) Determination of free textile content for granulates and powders by the method of the "small ball" agglomeration	20
B.1 General	20
B.2 Principle of the determination	20
B.3 Sampling	20
B.4 Equipment	20
B.5 Procedure	20
B.6 Calculations	21
B.7 Metrological characteristics	21
B.8 Test report	21
Annex C (normative) Determination of other impurities for granulates and powders by the method of a saline solution	22
C.1 General	22
C.2 Principle of the determination	22
C.3 Sampling	22
C.4 Equipment and Reagents	22
C.5 Procedure	23
C.6 Calculations	24
C.7 Metrological characteristics	25

C.8	Test report	25
	Annex D (informative) Example of separatory funnel	26
	Annex E (informative) Sieving	27
	Annex F (informative) Recommended sieve list	28
	Bibliography	29