



INTERNATIONAL STANDARD ISO 815:1991
TECHNICAL CORRIGENDUM 1

Published 1993-04-01

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Rubber, vulcanized or thermoplastic – Determination of compression set at ambient, elevated or low temperatures

TECHNICAL CORRIGENDUM 1

Caoutchouc vulcanisé ou thermoplastique – Détermination de la déformation rémanente après compression aux températures ambiantes, élevées ou basses

RECTIFICATIF TECHNIQUE 1

Technical corrigendum 1 to International Standard ISO 815:1991 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Sub-Committee SC 2, *Physical and degradation tests*.

(standards.iteh.ai)

[ISO 815:1991/Cor 1:1993](https://standards.iteh.ai/catalog/standards/sist/8cde42bd-3c17-4d62-a5ef-8ca1e6b01816/iso-815-1991-cor-1-1993)

<https://standards.iteh.ai/catalog/standards/sist/8cde42bd-3c17-4d62-a5ef-8ca1e6b01816/iso-815-1991-cor-1-1993>

Page 8

Replace the whole page by the following page.

The following amendments have been made:

In table 2, the pooled values for "Type A test piece at 30 min" in the columns headed "Within lab", r and (r), have been amended from 4,2 to 11,8 and from 12 to 30,2.

UDC [678.4+.7]:539.411.08

Ref. No. ISO 815:1991/Cor.1:1993 (E)

Descriptors: rubber, vulcanized rubber, tests, compression tests, high temperature tests, low temperature tests, determination, compression set.

© ISO 1993

Printed in Switzerland

Table 1 — Type 1 precision for compression set at 100 °C

Material	Average	Within lab		Between labs	
		<i>r</i>	(<i>r</i>)	<i>R</i>	(<i>R</i>)
Type A test piece at 30 min					
C	10,3	2,7	26	4,0	38
B	19,8	3,3	17	4,3	21
A	41,1	4,7	11	13,6	33
Pooled values	23,7	3,6	15	8,6	36
Type B test piece at 30 min					
C	14,8	3,3	22	4,5	30
B	24,4	4,3	18	7,7	32
A	44,9	5,1	11	14,0	33
Pooled values	28,0	4,3	15	10,0	35

Table 2 — Type 1 precision for compression set at – 25 °C

Material	Average	Within lab		Between labs	
		<i>r</i>	(<i>r</i>)	<i>R</i>	(<i>R</i>)
Type A test piece at 30 s					
A	39,3	5,2	13,3	30	76
C	68,5	3,6	5,3	40	59
B	74,9	8,1	10,8	57	76
Pooled values	60,9	6,0	9,9	44	72
Type B test piece at 30 s					
A	35	14	41	24	69
C	64	13	20	49	76
B	65	23	35	59	90
Pooled values	55	17	31	48	86
Type A test piece at 30 min					
A	20,5	9,4	46	25	120
B	46,5	16,6	36	71	150
C	50,3	7,2	14	60	120
Pooled values	39,1	11,8	30,2	55	140
Type B test piece at 30 min					
A	19,1	8,3	44	24	120
B	38,4	11,6	30	65	170
C	45,3	11,6	26	66	140
Pooled values	34,3	10,6	31	56	160