
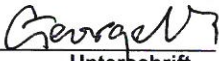



<b>Prüfbericht-Nr.:</b> <i>Test Report No.:</i>	<b>16082905 001</b>	<b>Auftrags-Nr.:</b> <i>Order No.:</i>	<b>174064843</b>	Seite 1 von 6 Page 1 of 6
<b>Kunden-Referenz-Nr.:</b> <i>Client Reference No.:</i>	N/A	<b>Auftragsdatum:</b> <i>Order date:</i>	20.04.2017	
<b>Auftraggeber:</b> <i>Client:</i>	Amula Enterprise Corp. No.1, 2 Yinfeng Street, Hengtang Management Zone, Tangxia Town Dongguan City, Guangdong Province P.R. China			
<b>Prüfgegenstand:</b> <i>Test item:</i>	Kids Adjustable Inline Skate			
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type No.:</i>	A9			
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	Test report			
<b>Prüfgrundlage:</b> <i>Test specification:</i>	EN 13843:2009, Class B Test clause 5.4.4, 5.4.5&5.5.2 selected according to client's requirement			
<b>Wareneingangsdatum:</b> <i>Date of receipt:</i>	20.04.2017			
<b>Prüfmuster-Nr.:</b> <i>Test sample No.:</i>	A000533269-003			
<b>Prüfzeitraum:</b> <i>Testing period:</i>	27.04.2017 – 04.05.2017			
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	Guangzhou			
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>	TÜV Rheinland (Guangdong) Ltd.			
<b>Prüfergebnis*:</b> <i>Test result*:</i>	Pass			
<b>geprüft von / tested by:</b>		<b>kontrolliert von / reviewed by:</b>		
08.05.2017	George Li / Engineer 	08.05.2017	Luck Lu / Reviewer 	
<b>Datum</b> <i>Date</i>	<b>Name / Stellung</b> <i>Name / Position</i>	<b>Unterschrift</b> <i>Signature</i>	<b>Datum</b> <i>Date</i>	<b>Name / Stellung</b> <i>Name / Position</i>
				<b>Unterschrift</b> <i>Signature</i>
<b>Sonstiges / Other:</b>				
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend N/A = nicht anwendbar	4 = ausreichend N/T = nicht getestet
Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory N/A = not applicable	4 = sufficient N/T = not tested
<b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b> <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				



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**Produktbeschreibung**  
**Product description**

1	<b>Produktdetails</b> <i>Product details</i>	Kids Adjustable Inline Skate
2	<b>Maße / Gewicht</b> <i>Dimensions / Weight</i>	344×114×245 mm / 1.97 kg (1 pair)
3	<b>Bedienelemente</b> <i>Operating elements</i>	N/A
4	<b>Ausstattung / Zubehör</b> <i>Equipment / Accessories</i>	N/A
5	<b>Verwendete Materialien</b> <i>Used materials</i>	Metal, fabric and plastic
6	<b>Sonstiges</b> <i>Other</i>	N/A

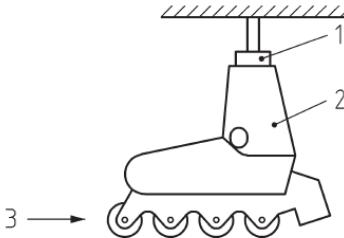
**Product photo(s)**

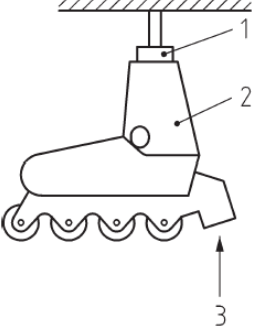


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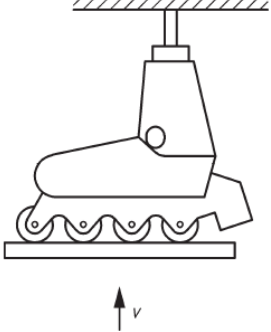
Absatz	EN 13843:2009, Class B	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation

<b>5</b>	<b>Testing</b>		
<b>5.2</b>	<b>Test conditions</b>  <i>Unless otherwise specified the inline-skates shall be conditioned and tested either at a temperature of <math>(23 \pm 2)</math> °C and a relative humidity of <math>(50 \pm 5)</math> % or at a temperature of <math>(20 \pm 2)</math> °C and a relative humidity of <math>(65 \pm 5)</math> %.</i>		
<b>5.4.4</b>	<p><b>Horizontal frontal impact against the front wheel</b></p> <p><i>An inline-skate shall be impacted in the forward direction onto the front wheel (see figure 2) with an energy <math>E_1</math> of at least 135 J and an impact velocity <math>v_1</math> of <math>(4,5 \pm 0,5)</math> m/s for class A inline-skates and an energy <math>E_2</math> of at least 90 J and an impact velocity <math>v_2</math> of <math>(3,75 \pm 0,4)</math> m/s for class B inline-skates.</i></p> <p><i>The type of suspension shall ensure that this energy is absorbed by the front wheel. The inline-skate shall be positioned on a last according to 5.3.</i></p> <p><i>It shall be tightened as closed as practical.</i></p>  <p><b>Key</b> 1 Last 2 Inline-skate 3 Impact direction</p> <p><b>Figure 2 — Horizontal frontal impact against the front wheel</b></p>	<p>Energy: 90 J</p> <p>Impact velocity: 3.75 m/s</p> <p>No visual break was found on the inline skate. No functional damage was found.</p>	<b>P</b>

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Absatz Clause	EN 13843:2009, Class B Anforderungen - Prüfungen / Requirements - Tests	Messergebnisse - Bemerkungen Measuring results - Remarks	Bewertung Evaluation
5.4.5	<p><b>Vertical impact against the starting and/or braking device</b></p> <p>The starting and/or braking device (see figure 3) shall be impacted with an energy <math>E_1</math> of 50 J and an impact velocity <math>v_1</math> of <math>(2,5 \pm 0,3)</math> m/s for class A inline-skates and an energy <math>E_2</math> of 30 J and an impact velocity <math>v_2</math> of <math>(2,0 \pm 0,2)</math> m/s for class B inline-skates.</p> <p>The type of suspension shall ensure the absorption of this energy by the starting and/or braking device.</p> <p>The inline-skate shall be positioned on a last according to 5.3.</p> <p>It shall be tightened as close as practical.</p>  <p><b>Key</b> 1 Last 2 Inline-skate 3 Impact direction</p> <p><b>Figure 3 — Vertical impact against the starting and/or braking device</b></p>	<p>Energy: 30 J</p> <p>Impact velocity: 2.0 m/s</p> <p>No visual break was found on the inline skate. No functional damage was found.</p>	P

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Absatz	EN 13843:2009, Class B	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation
5.5.2	<p><b>Vertical impact test</b></p> <p><i>The inline-skate (see figure 6) shall be impacted to a hard surface with an energy <math>E_1</math> of at least 135 J and an impact velocity <math>v_1</math> of <math>(4,5 \pm 0,5)</math> m/s for class A inline-skates and an energy <math>E_2</math> of at least 90 J and an impact velocity <math>v_2</math> of <math>(3,75 \pm 0,4)</math> m/s for class B inline-skates.</i></p> <p><i>The type of suspension shall ensure that this energy is absorbed by several wheels.</i></p> <p><i>The inline-skate shall be positioned on a last according to 5.3.</i></p> <p><i>It shall be tightened as close as practical.</i></p>  <p><b>Key</b> <math>v</math> impact velocity</p> <p><b>Figure 6 — Direction of vertical impact</b></p>	<p>Energy: 90 J</p> <p>Impact velocity: 3.75 m/s</p> <p>No visual break was found on the inline skate. No functional damage was found.</p>	P

**Remark:**

This test report documents the findings of examination conducted on the delivered product stated on page 1. It does not entitle to carry any safety mark on this or similar product(s). Further for sales or other application purposes of the test report, any reference to TÜV Rheinland or a test through TÜV Rheinland is only permissible with prior written consent of TÜV Rheinland.

\*\*\* End of test report \*\*\*