

# DIN EN 16779-1:2019-08 (E)

## Textile child care articles - Safety requirements and test methods for children's cot duvets - Part 1: Duvet (excluding duvet covers)

---

<b>Contents</b>		<b>Page</b>
European foreword .....		4
Introduction .....		5
<b>1</b>	<b>Scope .....</b>	<b>6</b>
<b>2</b>	<b>Normative references .....</b>	<b>6</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>7</b>
<b>4</b>	<b>Requirements and test methods .....</b>	<b>9</b>
<b>4.1</b>	<b>Design characteristics (see A.2) .....</b>	<b>9</b>
<b>4.1.1</b>	<b>General .....</b>	<b>9</b>
<b>4.1.2</b>	<b>Cot duvet ensemble .....</b>	<b>9</b>
<b>4.1.3</b>	<b>Threads (including cot duvet seams) .....</b>	<b>9</b>
<b>4.1.4</b>	<b>Labels .....</b>	<b>10</b>
<b>4.1.5</b>	<b>Embellishments .....</b>	<b>10</b>
<b>4.1.6</b>	<b>Fabrics and filling materials .....</b>	<b>10</b>
<b>4.1.7</b>	<b>Slide fasteners .....</b>	<b>10</b>
<b>4.2</b>	<b>Mechanical and physical hazards (see A.3) .....</b>	<b>11</b>
<b>4.2.1</b>	<b>Entrapment of fingers and toes, ischemia .....</b>	<b>11</b>
<b>4.2.2</b>	<b>Small part aspiration or ingestion, internal asphyxiation (choking) .....</b>	<b>12</b>
<b>4.2.3</b>	<b>Cutting, puncture, abrasion .....</b>	<b>13</b>
<b>4.3</b>	<b>Chemical hazards (see A.4) .....</b>	<b>13</b>
<b>4.3.1</b>	<b>Migration of certain substances .....</b>	<b>13</b>
<b>4.3.2</b>	<b>Formaldehyde .....</b>	<b>14</b>
<b>4.3.3</b>	<b>Flame retardants .....</b>	<b>14</b>
<b>4.4</b>	<b>Thermal hazards - hypothermia and hyperthermia (see A.5) .....</b>	<b>15</b>
<b>4.4.1</b>	<b>General .....</b>	<b>15</b>
<b>4.4.2</b>	<b>Requirements .....</b>	<b>15</b>
<b>4.4.3</b>	<b>Test method .....</b>	<b>15</b>
<b>4.5</b>	<b>Fire hazards (see A.6) .....</b>	<b>15</b>
<b>4.6</b>	<b>Hygiene hazards (see A.7) .....</b>	<b>15</b>
<b>4.6.1</b>	<b>Requirements and methods .....</b>	<b>15</b>
<b>5</b>	<b>User information .....</b>	<b>16</b>
<b>5.1</b>	<b>General .....</b>	<b>16</b>
<b>5.2</b>	<b>Marking .....</b>	<b>16</b>
<b>5.3</b>	<b>Purchase information .....</b>	<b>17</b>
<b>5.4</b>	<b>Instruction for use .....</b>	<b>17</b>
<b>5.5</b>	<b>Plastic packaging .....</b>	<b>18</b>
<b>Annex A (informative) Rationale .....</b>		<b>19</b>
<b>A.1</b>	<b>General .....</b>	<b>19</b>
<b>A.2</b>	<b>Design hazards .....</b>	<b>19</b>
<b>A.3</b>	<b>Mechanical and physical hazards .....</b>	<b>21</b>
<b>A.3.1</b>	<b>Hazards of entrapment of fingers and toes, ischemia .....</b>	<b>21</b>
<b>A.3.2</b>	<b>Hazards of strangulation .....</b>	<b>21</b>

<b>A.3.3</b>	<b>Hazards of internal asphyxiation (choking) by aspiration, or ingestion of small parts .....</b>	<b>21</b>
<b>A.3.4</b>	<b>Hazards of external asphyxiation (suffocation) .....</b>	<b>22</b>
<b>A.3.5</b>	<b>Hazards of cutting, puncture, abrasion .....</b>	<b>22</b>
<b>A.4</b>	<b>Chemical hazards .....</b>	<b>22</b>
<b>A.4.1</b>	<b>Hazards related to harmful substances .....</b>	<b>22</b>
<b>A.4.2</b>	<b>Hazards related to migration of certain substances .....</b>	<b>23</b>
<b>A.4.3</b>	<b>Hazards related to formaldehyde .....</b>	<b>23</b>
<b>A.5</b>	<b>Thermal hazards (Hyperthermia and hypothermia) .....</b>	<b>23</b>
<b>A.6</b>	<b>Fire hazards .....</b>	<b>24</b>
<b>A.7</b>	<b>Hygiene hazards .....</b>	<b>24</b>
<b>A.7.1</b>	<b>Washable (see 4.6.1.1) .....</b>	<b>24</b>
<b>A.7.2</b>	<b>Clean and free from infestation and foreign materials (see 4.6.1.2) .....</b>	<b>24</b>
<b>A.7.3</b>	<b>Feather filled products (see 4.6.1.3) .....</b>	<b>24</b>
<b>A.7.4</b>	<b>Used recycled fibres (see 4.6.1.4) .....</b>	<b>25</b>
<b>Annex B (informative) Supplementary information on thermal hazards .....</b>		<b>26</b>
<b>B.1</b>	<b>Background information .....</b>	<b>26</b>
<b>B.2</b>	<b>Thermal resistance measurement .....</b>	<b>26</b>
<b>B.3</b>	<b>Rationale for guidance to the purchaser and/or user .....</b>	<b>27</b>
<b>B.4</b>	<b>Relationship between thermal resistance and thickness or mass per unit area (surface density) .....</b>	<b>28</b>
<b>Annex C (informative) Specific marking, purchase information and user instruction .....</b>		<b>30</b>
<b>Annex D (informative) Guidance for the cot duvet dimensions .....</b>		<b>31</b>
<b>Annex E (informative) Topics for further investigations .....</b>		<b>32</b>
<b>E.1</b>	<b>Thermal comfort .....</b>	<b>32</b>
<b>E.2</b>	<b>Cot duvet characteristics .....</b>	<b>32</b>
<b>Annex F (informative) A-deviations .....</b>		<b>33</b>
<b>Bibliography .....</b>		<b>34</b>