

| Inflatable toy fabric Technical Specification | | | | | | |
|---|--------|--|-----------|---------------------------|-----------|--------------------|
| Item | Unit | Fabric type | | | | Executive Standard |
| | | QM38 | QM45 | CQ65 | CQ90 | |
| Base fabric | Denier | High strength low shrink polyester fiber | | | | DIN EN 60001 |
| Color | - | Red, yellow, blue, green, white, gray | | | | - |
| Thickness | mm | 0.38 | 0.45 | 0.65 | 0.9 | - |
| Width | mm | 2100 | 2100 | 2100 | 2100 | - |
| Tensile strength (warp/weft) | N/5cm | 1400/1250 | 2400/2100 | 2800/2600 | 3500/3500 | DIN 53354 |
| Tear strength (warp/weft) | N | 120/100 | 340/300 | 300/200 | 300/200 | DIN53363 |
| Adhesion strength | N/5cm | 50 | 70 | 100 | 100 | DIN53357 |
| UV protection | - | Yes | | | | - |
| Threshold Temperature | °C | -25~60 | | | | DIN EN 1876-2 |
| Application | | inflatable castle | | Water Amusement Equipment | | - |

The above values are average for reference, allowing <10% tolerance.
Customization is acceptable for all given values.