

| Handbag and knapsack | | | | Standards | |
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| Applicable scope: Daily-use handbag and knapsack made of different materials. Special use handbag and knapsack can refer the standard. | | | | QB/T 1333-2010 | |
| | | | | Effective Date: 2011-04-01 | |
| No. | Test Item | Test Method | Requirement | | |
| | | | High | Pass | |
| 1 | Appearance | Overall appearance | Sensory inspection together with measurement | Be full, natural, in order, clean | Basically full, natural, orderly, clean |
| | | Shell- Leather or regenerated leather | | Be uniform in thickness;No cracks, glue off, decolorization was found. Be even on surface,without any damage on main parts;No obvious impression and crease was found | Be even in thickness; No cracks, degumming, decolorization was found. Be even in surface, without any damage on main parts surface; Two rough spots with area no more than 9mm ² was allowable;Two strip of slight impression or crease was allowable; |
| | | Shell- Artificial and synthetic material | | No impression, heave and hollow, knot | No obvious impression, heave and hollow, knot |
| | | Shell- Textile material | | No broken warp and weft, no floating thread, impression, blot and other defects | No broken warp and weft, floating thread, obvious impression, blot and other defects on main parts. Two slight defects were allowable on minor parts; |
| | | Lining | | Smooth, even, orderly, clean, no cracks, broken warp and weft, floating thread, fraying and other defects | |
| | | Sewing thread | | Be suitable for shell and lining on quality,colors | |
| | | Sewing stitch | | Upper and lower stitch should be matched, even and straight. Stitch size should be uniform. It was unallowable to have empty needle, missing needle, skipping stitch and skewed stitch on backpack body; | Upper and lower stitch should be matched, even and straight. Stitch size should be uniform. Be unallowable to have empty needle, missing needle and skipping stitch on main surface of bags. Skewed stitch can not exceed 15mm. One empty needle or two missing needle and skipping stitch were allowable on each bag; |
| | | Zipper | | Be even and uniform in stitch; open-close smoothly, no lacked teeth, lose color. | |
| | | Accessory | | Be smooth, no rust, missed plating, burry-feeling, needle hole, bubble, shedding and obvious scratch. | Be smooth, no rust, missed plating, burry-feeling and shedding. |
| | | Accessory setting | | Be even and fixed firmly. | |
| Reference sample | Attached reference sample should be consistent with main material of actual bag. | | | | |
| 2 | Banned azo dyestuff | Textile material | GB/T 17592, GB/T 23344 | ≤ 30 mg/kg | |
| | | Leather or regenerated leather | GB/T 19942 | | |
| 3 | Formaldehyde content | Textile material | GB/T 2912.1 | ≤ 300 mg/kg | |
| | | Leather or regenerated leather | GB/T 19941 | | |
| 4 | Harmful substance limitation for adhesives | Benzene | Use GC-MS to determine them according to GB 19340-2003 | ≤ 5.0g/kg | |
| | | Toluene and xylene | | ≤ 200g/kg | |
| | | Free toluene diisocyanate | | ≤ 10.0g/kg | |
| | | n-hexane | | ≤ 150g/kg | |
| | | Dichloromethane, 1,2-dichloroethane, 1,1,2- trichloroethane, Trichloroethylene | | ≤ 50.0g/kg | |
| | | Total volatile organic compounds | | ≤ 750g/L | |

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| 5 | Color fastness to rubbing (Staining) | Leather, regenerated leather | QB/T 2537 Dry: 50 cycles; Wet: 10 cycles; Head weight: 1000g | Dry: \geq Grade 4 Wet: \geq Grade 3 | |
| | | Artificial and synthetic material | | | |
| | | Textile material | GB/T 3920 | | |
| 6 | Shock impact strength ¹ | Force the bag specified load and shake impact it with impact machine according to QB/T 2922. Calculate the length change before/after testing. Double handle, double strap: 400 times; Single handle, single strap: 250 times; Side strap: 150 times. | Sample is fully loaded the specified loading size (see table 1). After test, it shall have no breakage, crack, distortion of straps or handles over 30% and function as intended. | | |
| 7 | Sewing strength | Use CRE machine, clamp the specimen and stretch it at (100 \pm 10) mm/min until it broken, and record the minimum value as result Effective test area: 60mm \times 60mm | \geq 196N | | |
| 8 | Accessories | After Shake impact test, open and close the specimen for 200cycles and evaluate its function whether normal or not. | For lock, inserter, magnetic button and others accessories, function normal. | | |
| 9 | Zipper durability | Sample 20cm specimen, use tensile machine to open and close it at 20 cycles/min. After specified cycles testing and evaluate it. | No teeth loss, slip, damage was found after 300cycles | No teeth loss, slip, damage was found after 200cycles | |
| 10 | Anti-corrosion properties of metal accessory | According to QB/T 3826, Chromium-plated part: 12h; Nickel-plated part, zinc-plated part: 6h | No surface corrosion | Surface corrosion not more than 1mm ² | |
| 10 | Size designation ² | Use steel ruler to measure, accuracy is 1mm | Shall comply with design requirements, tolerance: \pm 5 mm | | |
| 11 | Marking | Inspection | 1) Should indicate the information: manufacture (dealer) name, address, brand logo or name, quality grade, "pass certification", contact phone number, use instruction (maintenance) if necessary. 2) The outer packing's content should include product name, article number, color, quantity, transportation method, deposit(protection) marking and so on. | | |
| 12 | Label | Inspection | Shall include product name, executive standard code, size, article number, main material (shell, lining), "pass certification" and so on. The indication on the main material should comply with the following requirements: - The part with the individual area more than 20% of total area, should be indicated on the label; - The top layer of leather(except the top transfer coating leather) are allowed to express as "real leather" on the label; - The transfer coating leather and split leather should be marked as "leather" following with the wording "transfer coating" or "split"; - "Leather" wording could not be used for the synthetic material with the leather layer thickness is not more than 60% of total thickness | | |

Remark:

1. Specified load size for shock impact strength as below:

Table 1

| Size /(mm) | High grade | Pass grade |
|------------------------|------------|------------|
| < 180 | 2 | 1 |
| 180 ~ 300 (except 300) | 5 | 3 |
| 300 ~ 400 (except 400) | 7 | 5 |
| 400 ~ 500 (except 500) | 9 | 7 |
| \geq 500 | 12 | 10 |

Note: Specified load not including dead weight.

2. The maximum distance of overall length of the body of product is the size.