

**Cover Glassproject solvent resistance test**

| No. | test item               | test condition                                                                                                                               | test specification                                                    | Criteria<br>(conventional)                          |
|-----|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------|
| 1   | Resistant vegetable oil | Oil resistance: Apply salad oil, oil, lamp oil, soak at room temperature for 12 hours                                                        | No abnormal appearance such as corrosion on the surface of the sample | No corrosion, no dissolution and other judgment :OK |
| 2   | Wiper resistance        | Wiper resistance<br>Use the golden rooster test cloth (chemical fiber test cloth) finger to apply 500g pressure and wipe with gauze 50 times | No abnormal appearance such as corrosion on the surface of the sample | No corrosion, no dissolution and other judgment :OK |
| 3   | alkali resistance       | Soak in 5% NaOH solution at room temperature for 12 hours                                                                                    | No abnormal appearance such as corrosion on the surface of the sample | No corrosion, no dissolution and other judgment :OK |
| 4   | acid resistance         | Soak in 5% HCl solution at room temperature for 12 hours                                                                                     | No abnormal appearance such as corrosion on the surface of the sample | No corrosion, no dissolution and other judgment :OK |
| 5   | Antiseptic 1            | Use medical hydrogen peroxide (hydrogen peroxide) concentration of 3%, apply 500g pressure on the finger, wipe with gauze 50 times           | No abnormal appearance such as corrosion on the surface of the sample | No corrosion, no dissolution and other judgment :OK |
| 6   | Antiseptic 2            | Use alcohol-free sanitizer gel hand sanitizer, apply 500g pressure on fingers, and wipe with gauze 50 times                                  | No abnormal appearance such as corrosion on the surface of the sample | No corrosion, no dissolution and other judgment :OK |
| 7   | Antiseptic 3            | Medical iodophor solution (POvidone iodine), apply 500g pressure on the finger, wipe with gauze 50 times                                     | No abnormal appearance such as corrosion on the surface of the sample | No corrosion, no dissolution and other judgment :OK |
| 8   | Antiseptic 4            | Use hypochlorous acid disinfectant, apply 500g pressure with fingers, and wipe with gauze 50 times                                           | No abnormal appearance such as corrosion on the surface of the sample | No corrosion, no dissolution and other judgment :OK |
| 9   | Alcohol-resistant wipe  | Soak 98% ethanol on the gauze, apply 500g pressure with your fingers, and wipe with the gauze 50 times                                       | No abnormal appearance such as corrosion on the surface of the sample | No corrosion, no dissolution and other judgment :OK |

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