

# Vinistar Super

---

## Physical Property

### 【SPECIMEN】

- |                        |                            |
|------------------------|----------------------------|
| A) 30/100 UV (3S hand) | D) 30/100 UV +FR (4S hand) |
| B) 40/100 UV (3S hand) | E) 50/100 UV +FR (4S hand) |
| C) 50/100 UV (3S hand) | F) 80/100 UV (4S hand)     |
|                        | G) 100/100 UV (4S hand)    |

| Items / Unit / Test method              |        | A    | B     | C     | D    | E     | F     | G     |
|---|--------|------|-------|-------|------|-------|-------|-------|
| Shore A Hardness**<br>*JIS K-6301 A     | Degree | 91   |       |       | 86   |       |       |       |
| Light transmission ratio<br>*JIS K-7105 | %      | 88.7 | 88.3  | 86.9  | 87.5 | 85.7  | 87.8  | 86.9  |
| 100% Modulus<br>[N/cm] *JIS K-6732      | M.D.   | 37.9 | 46.4  | 54.9  | 36.6 | 53.1  | 93.2  | 106.9 |
|   | T.D.   | 32.6 | 41.6  | 50.5  | 31.8 | 48.9  | 73.6  | 98.1  |
| Tensile Strength<br>[N/cm] *JIS K-6732  | M.D.   | 90.9 | 106.3 | 142.0 | 71.3 | 122.7 | 190.3 | 227.6 |
|   | T.D.   | 78.4 | 102.6 | 126.0 | 66.1 | 113.2 | 157.0 | 205.0 |
| Tear Strength<br>[ N ] *JIS K-6732      | M.D.   | 23.0 | 31.2  | 36.8  | 20.3 | 35.4  | 57.9  | 70.6  |
|   | T.D.   | 22.8 | 29.5  | 36.7  | 20.1 | 36.1  | 56.9  | 68.7  |
| Elongation<br>[ % ] *JIS K-6732         | M.D.   | 383  | 324   | 395   | 250  | 237   | 335   | 351   |
|   | T.D.   | 393  | 344   | 393   | 257  | 263   | 350   | 354   |
| Cold Crack<br>[ °C ] *ASTM D-1593       | M.D.   | -36  | -30   | -39   | -31  | -30   | -32   | -32   |
|   | T.D.   | -34  | -27   | -39   | -30  | -29   | -31   | -32   |

Remarks: M.D. = MACHINE DIRECTION (LENGTHWISE = L.W.)

: T.D. = TRANSVERSE DIRECTION (CROSSWISE = C.W.)

\*\* Shore A hardness --- We measured it by abt. 6mm thickness with pile up as JIS standard.

Information stated on this data sheet is to best of our knowledge true and reliable, but can not be guaranteed.