

Technical Datasheet

ACHILLES VINISTAR SUPER

Achilles Vinistar Super

| Product / Test method | | | SUPER 3S 0,3 mm | | SUPER 3S 0,4 mm | | SUPER 3S 0,5 mm | | SUPER 4S 0,65 mm | | SUPER 3S 0,75 mm | | | | | | |
|---------------------------------|---------------------------|--------------------|--------------------|-----------|--------------------|-------|--------------------|-------|---------------------|-------|---------------------|-------|-------|-----------------------------|-----------------------------|----------------------------|-----------------------------|
| | | | 137 cm | | 137 cm | | 137 183 cm | | 137 cm | | 137 cm | | | | | | |
| Major Items | Medium Items | Verification Items | MD | TD | MD | TD | MD | TD | MD | TD | MD | TD | | | | | |
| Basic Physical Properties | Thickness | Dial Gauge | [mm] | 0,30 | | 0,40 | | 0,50 | | 0,65 | | 0,75 | | ISO 527 mutatis mutandis | | | |
| | Total Light Transmittance | Tt | [%] | 90,02 | | 89,36 | | 89,09 | | 88,20 | | 87,07 | | ASTM D1003 mutatis mutandis | | | |
| | | Haze | [%] | 1,43 | | 1,49 | | 1,57 | | 2,30 | | 2,06 | | | | | |
| | Tensile Test | 100% Modulus | | [N] | 37 | 34 | 49 | 44 | 59 | 54 | 77 | 69 | 94 | 81 | ISO 527 mutatis mutandis | | |
| | | | | [MPa] | 13 | 12 | 12 | 11 | 12 | 11 | 12 | 11 | 13 | 11 | | | |
| | | Tensile Strength | [N] | 90 | 80 | 113 | 108 | 135 | 133 | 181 | 165 | 201 | 190 | | | | |
| | | | [MPa] | 31 | 27 | 29 | 28 | 28 | 28 | 28 | 26 | 27 | 25 | | | | |
| | Elongation | | [%] | 372 | 376 | 367 | 392 | 373 | 391 | 364 | 404 | 365 | 415 | | | | |
| Tear Test | | | | Elmendorf | [N] | 28 | 28 | 32 | 35 | 43 | 40 | 47 | 46 | 62 | 60 | ASTM 1004 mutatis mutandis | |
| | | [N/mm] | 96 | | 95 | 95 | 89 | 89 | 83 | | | 83 | 80 | | | | |
| Heat Dimensional Stability | 50°C×10min. | [%] | -1,00 | | 0,00 | | -1,08 | | 0,00 | | -1,20 | | 0,30 | | ASTM D1204 mutatis mutandis | | |
| | | | Hardness (shore A) | | [°C] | | 88,00 | | 89,00 | | 90,00 | | 84,00 | | 90,00 | | JIS mutatis mutandis |
| | | | Flame Resistance | | | | | | | | | | | | | | |
| | | | Weather Resistance | | | | 800 | | 800 | | 800 | | 800 | | 800 | | ASTM D1499 mutatis mutandis |

Product features

- * Calendered
- * Reach compliant
- * Made in Japan
- * **Proven field performance**
- * **UV stabilised - Little discolouration**
- * **High Clarity - Transparency**
- * **Non-stick formulation (Quick release)**
- * **Easy to clean**
- * 2-3% shrinkage
- * Blocks 90% of UV Solar Raditation
- * **Non printable**
- * Excellent weatherability (High & Low temperatures)

M.D. = MACHINE DIRECTION

T.D. = TRANSVERSE DIRECTION

*Information stated on this data sheet is to best of our knowledge true and reliable but cannot be guaranteed.

Wendt Europe
Heereweg 21
2161 AC Lisse
Netherlands

T. +31 (0) 252 51 69 38
E. hello@wendt-europe.com
W. wendt-europe.com