

Technical Data

Volara[®] Type TS

PRODUCT DEFINITION

Volara type TS is specially formulated for the industrial tape and gasket markets. This material is a polyblend of two resin types, combined to provide the conformability, compression strength and toughness required to meet the demands of the mounting and assembly tape industries.

Type TS makes an ideal foam tape substrate as the composition was engineered to improve adhesive anchorage. Type TS is not approved for medical or food contact applications.



HEAT STABILITY UP TO
215°F



ROLL FORM UP TO
1500ft.



CUSTOM
COLORS AVAILABLE

PRODUCT CHARACTERISTICS

- Improved adhesive anchorage
- Premium industrial tape substrate
- Excellent chemical resistance
- Ideally suited for industrial applications

PRODUCT FORM

- Produced in roll form up to 1500 lineal feet
- Density: 2pcf to 6pcf
 - Thickness range: 0.031" to 0.375"
 - Width range to 61"

PRODUCT COLORS

- Standard colors are natural-white and black
- Custom colors are available on request

APPLICATIONS



Transportation Industry



General Industrial



Industrial Tape



Recreation & Leisure



Packaging Dunnage



Aviation & Aerospace



Medical Tape & Healthcare

Michigan Location

Sekisui Voltek, LLC
17 Allen Avenue
Coldwater, MI 49036

www.SekisuiVoltek.com
Tel: (800) 544-2254
Fax: (517) 279-8562

Fine-celled, Irradiation cross-linked, Polyolefin Foam

Volara® TS

| TYPICAL PROPERTIES OF VOLARA TS | | |
|--------------------------------------|------|-------|
| | 3pcf | 5pcf |
| Compression Strength / (ASTM D3575) | | |
| (lb / sq-in) @ 25% compression | 7 | 8 |
| (lb / sq-in) @ 50% compression | 16 | 19 |
| Tensile Strength / (ASTM D3575) | | |
| (lb / sq-in) Machine Direction | 126 | 226 |
| (lb / sq-in) Cross-Machine Direction | 96 | 146 |
| Tensile Elongation / (ASTM D3575) | | |
| (%) Machine Direction | 232 | 284 |
| (%) Cross-Machine Direction | 224 | 263 |
| Tear Resistance / (ASTM D3575) | | |
| (lb / in) Machine Direction | 17 | 28 |
| (lb / in) Cross-Machine Direction | 20 | 35 |
| Compression Set / (ASTM D3575) | | |
| % Original Thickness | 20 | 7 |
| Shore Hardness / (ASTM D2240) | | |
| A Scale | 8 | 15 |
| OO Scale | 52 | 60 |
| Thermal Stability | | |
| AVE MD% | -1.6 | -1.2 |
| AVE CD% Change | -0.7 | -0.55 |
| AVE TH% | NA | NA |

NOTE:

This data represented on this technical data sheet should be used as a guideline for product selection. This data is not intended to represent, replace or be used as a proxy for a specific productsales specification. The physical properties are averages based on limited production runs and are subject to change as additional data becomes available.

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