

Fine-celled, Irradiation cross-linked, Polyolefin Foam

Volara® TQ(X)

| TYPICAL PROPERTIES OF VOLARA TQ(X) | | |
|--------------------------------------|--------|------|
| | 3.4pcf | 6pcf |
| Compression Strength / (ASTM D3575) | | |
| (lb / sq-in) @ 25% compression | 5.2 | 8.3 |
| (lb / sq-in) @ 50% compression | 14.6 | 20.8 |
| Tensile Strength / (ASTM D3575) | | |
| (lb / sq-in) Machine Direction | 136 | 248 |
| (lb / sq-in) Cross-Machine Direction | 90 | 173 |
| Tensile Elongation / (ASTM D3575) | | |
| (%) Machine Direction | 293 | 316 |
| (%) Cross-Machine Direction | 301 | 344 |
| Tear Resistance / (ASTM D3575) | | |
| (lb / in) Machine Direction | 16 | 29 |
| (lb / in) Cross-Machine Direction | 20 | 36 |
| Compression Set / (ASTM D3575) | | |
| % Original Thickness | 21 | 7 |
| Shore Hardness / (ASTM D2240) | | |
| A Scale | N/A | N/A |
| OO Scale | N/A | N/A |
| Thermal Stability | | |
| AVE MD% | -1.7 | -1.6 |
| AVE CD% Change | -0.9 | -1.1 |
| 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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