

MATERIAL DATA SHEET

DESCRIPTION

**BLACK TIMBER BUBBLE SEAL
Ø5 BUBBLE X 50M COIL**



ORDER CODE

TFS 3298

| PARAMETER | VALUE |
|-----------------------------------|-----------------------|
| MATERIAL – BUBBLE AND BARBS | SILPLEX (TPE) |
| RELATIVE DENSITY | 1.13G/CM ³ |
| SHORE HARDNESS | 43° SHORE A |
| TENSILE STRENGTH | 6.6MPA |
| TEAR STRENGTH | 23N/MM |
| COMPRESSION SET (22 HOURS @ 70°C) | 34% |
| WEAR RESISTANCE | 320MM ³ |
| ELONGATION @ BREAK | 520% |
| MATERIAL – RIGID SPINE | POLYPROPYLENE |
| RELATIVE DENSITY | 0.91G/CM ³ |
| VICAT SOFTENING POINT (B) | 154°C |
| HEAT DEFLECTION TEMPERATURE | 91°C |
| CHARPY NOTCHED IMPACT STRENGTH | 50KJ/M ² |
| TENSILE STRENGTH | 27MPA |
| FLEXURAL MODULUS (23°C) | 1300MPA |

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| PARAMETER | VALUE |
|---|-------------------------------------|
| COEFFICIENT OF THERMAL EXPANSION | $6 \times 10^{-5} / ^\circ\text{C}$ |
| THERMAL CONDUCTIVITY @ 23°C | 0.16W/M.K |
| ELONGATION AT BREAK | 20 – 40% |
| <u>GENERAL CHARACTERISITICS</u> | |
| <ul style="list-style-type: none">• RESISTANT TO MOST PAINTS AND VARNISHES• UV & OZONE STABLE• GOOD ACOUSTIC PROPERTIES• HIGH PERFORMANCE OVER EXTREME TEMPERATURES• SUPERIOR AGEING PROPERTIES• EXCELLENT DEFLECTION RECOVERY | |