

## MATERIAL DATA SHEET

DESCRIPTION

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



ORDER CODE

**TFS 3297**

PARAMETER	VALUE
MATERIAL – BUBBLE AND BARBS	SILPLEX (TPE)
RELATIVE DENSITY	1.13G/CM <sup>3</sup>
SHORE HARDNESS	43° SHORE A
TENSILE STRENGTH	6.6MPA
TEAR STRENGTH	23N/MM
COMPRESSION SET (22 HOURS @ 70°C)	34%
WEAR RESISTANCE	320MM <sup>3</sup>
ELONGATION @ BREAK	520%
MATERIAL – RIGID SPINE	POLYPROPYLENE
RELATIVE DENSITY	0.91G/CM <sup>3</sup>
VICAT SOFTENING POINT (B)	154°C
HEAT DEFLECTION TEMPERATURE	91°C
CHARPY NOTCHED IMPACT STRENGTH	50KJ/M <sup>2</sup>
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%
<b><u>GENERAL CHARACTERISITICS</u></b>	
<ul style="list-style-type: none"><li>• RESISTANT TO MOST PAINTS AND VARNISHES</li><li>• UV &amp; OZONE STABLE</li><li>• GOOD ACOUSTIC PROPERTIES</li><li>• HIGH PERFORMANCE OVER EXTREME TEMPERATURES</li><li>• SUPERIOR AGEING PROPERTIES</li><li>• EXCELLENT DEFLECTION RECOVERY</li></ul>	