

MATERIAL DATA SHEET

DESCRIPTION

**BLACK TIMBER BUBBLE SEAL
Ø6 BUBBLE X 50M COIL**



ORDER CODE

TFS 3301

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	