

DENDRO-SCOTT™ Root Barrier DATA SHEET

Properties	Unit Value	Test Data	Standard
CONSTRUCTION			
Raw material	Polymer ID	Polyethylene	
Colours		Grey/Blue	
MECHANICAL PROPERTIES			
Average Tensile Strength (machine direction)	kN/m	29.5	BS EN ISO 10319 - 2015
Average Tensile Strength (cross machine direction)	kN/m	28.0	BS EN ISO 10319 - 2015
Strain at Maximum Load MD	%	25.3	BS EN ISO 10319 - 2015
Strain at Maximum Load CD	%	22.7	BS EN ISO 10319 - 2015
Puncture Resistance	kN	4.83	BS EN ISO 12236 - 2006
PHYSICAL PROPERTIES			
Thickness	mm	0.37	BS EN ISO 9863-1 - 2005
Mass per Unit Area	g/m ²	228	BS EN ISO 9864 - 2005
RESISTANCE TO ROOTS			
No root penetration. 100% root resistance.			PD CEN/TS 14416 : 2014
HYDRAULIC PROPERTIES			
Water Vapour Transmission	g/m ² /24 hrs	Water impermeable <1.0 (max)	BS EN ISO 1931 - 2000
SUBSTANCES OF CONCERN			
Waste Acceptance Criteria (WAC)	Free from substances of concern		BS EN 12457-3 : 2002

Above are test results carried out on **DENDRO-SCOTT™ Root Barrier**, with samples taken from each production run, from three different sections.

Testing is carried out by independent UKAS accredited laboratories, **BICS Laboratories Limited** and **ACS Testing Limited**.



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Caring for the present is preserving the future