

TECHNICAL DATA EXTRUDED POLY

Properties	Standard	Unit	
Density	ASTM D1622 : 1988	Kg/m ³	30
Thermal conductivity	ASTM C518-91	W/m°K	0.027
Compressive strength at 10% Deformation, average	ASTM D 1621 -94	kPa	250
Modulus of elasticity	BS EN 826 : 1996	MPa	24
Deformation at yield load	BS EN 826 : 1996	%	1.8
Water absorption (max)	ASTM C 272	g/cm ²	0.01
Water vapour transmission rate	BS 4370 Part 2 : 1993	µg/m ² .s	258
Water vapour permeance	BS 4370 Part 2 : 1993	ng/m ² .s.Pa	44.1
Water vapour permeability	BS 4370 Part 2 : 1993	ng/m.s.Pa	2.18
Temperature limits	N/A	°C	-50 / +75
Fire classification	AS 1530 Part 3 : 1989	N/A	0, 0, 0, 2

