

Specification

Technical Data (Approx)	Unit	LDPE	HDPE	PP
Density	Kg/m ³	945	965	930
Tensile Strength (Mpa)	N/mm ²	9.5	22.0	26.0
Elongation at Break	%	180	280	460
Flexural Yield Strength (Mpa)	N/mm ²	9.3	33.0	42.0
Flexural Modulus (Mpa)	N/mm ²	410	950	1250
Unnotched Charpy Impact Strength	KJ/m ²	no break	no break	no break
Thermal Conductivity	W/(m.k.)	0.361	0.520	0.25
Linear Thermal Expansion	mm/m/°c	0.250	0.210	0.150
Surface Spread of Flame		Class3	Class 3	Class 3

Fixing Note:

For best results, these products should be fixed where possible at or near their anticipated upper service temperature. Where significant changes or applications in direct sunlight are envisaged, the fixings should make allowance for expansion and contraction.

Manufacturer's Note:

The information given in this leaflet is true to the best of our knowledge and given in good faith. Users however must establish for themselves that the material is suitable for their specific purpose. No liability will be accepted for any loss or injury resulting from its use. The manufacturer's policy is one of continuous improvement and development. We reserve the right to change the specification without notice and at any time.

Note – Date given here refers to physical tests carried out on a 12mm sample or as indicated above. All sizes and weights are approximate.