

Product Name: PVC Strips & Sheets (all products)
Subject: Performance Testing

PVC Strips

Performance Test	Unit	Standard Clear Formula	Cold Formula
Shore A Hardness	Sh A	75 +/- 5	65 +/- 5
Brittle Point	Degrees C	Approx -35	Approx -45
Thermal Conductivity	W/m.K	0.16	0.16
Vicat Softening Temperature	°C	50	48
Specific Heat Capacity	kJ/kg.K	1.6	1.6
Falling Ball Impact Test	Degrees C	-20 No Break	-40 No Break
Flexibility	Degrees C	-20 No Break	-40 No Break
Water Absorption	%	0.20%	0.20%
Tensile Stress	%	340	420
Tearing Resistance	N/mm	50	28
Reaction to Fire	Not Applicable	Self-Extinguishing	Self-Extinguishing
Sound Reduction	dB	>35	>35
Light Transmittance	%	86	86

PVC Sheets

Performance Test	Unit	Soft Super Clear (Natural) Formula
Shore A Hardness	Sh A	80 +/- 5
Brittle Point	Degrees C	Approx -35
Thermal Conductivity	W/m.K	0.16
Vicat Softening Temperature	°C	50
Specific Heat Capacity	kJ/kg.K	1.6
Falling Ball Impact Test	Degrees C	-20 No Break
Flexibility	Degrees C	-20 No Break
Water Absorption	%	0.09%
Tensile Stress	%	340
Tearing Resistance	N/mm	50
Reaction to Fire	Not Applicable	Self-Extinguishing
Sound Reduction	dB	>35
Light Transmittance	%	86

