

Hygenic Thermopanel™ PVC Sheet

Technical Data Sheet

Rigid PVC Sheet: Thermopanel™ Type 260EA4

Colour: White/Colours

Surfaces: Glossy (100) /Matt (921), one side with PE-film

This type is a plasticizer free, extruded, foamed rigid PVC sheet with a flame retardant.

- Specific Properties:
- Foodsafe, Taint transfer test to BS 5929 Part I & III.
 - High level of rigidity because of its sandwich-structure.
 - High scratch-resistance, firmness of surface.
 - Improved impact strength.
 - Good chemical resistance.
 - Impact and weather-resistance.
 - Suitable for outdoor use, U.V. stabilized.

Properties	DIN-Norm	Value	Unit	Remarks
Thickness Range	53370	-7	mm	Tolerance: width to 1250mm 3-5mm ± 7% 6-10mm ± 5% width: 1250-1560mm thickness: ± 10%
Gross Density	53479	0.7-0.9*	g/m ³	* Depending on thickness
Tensile Stress at Yield	53455	≥20	N/mm ²	
Elongation at break	53455	≥15	%	
Modulus of Elasticity	53455/57	≥1100	N/mm ²	
Flexural Strain at 3.5%	53452	≥30	N/mm ²	
Impact Strength at 20°C	53453	no break	kJ/m ²	Measured at impact pendulum lengthwise
Impact Strength, notched at ≥23°C	53453	≥5	kJ/m ²	
Ball Indentation Hardness	53456	≥12	N/mm ²	Method H 558/30
Shore Hardness D	53505	ca.50		
VICAT-Softening Point	53460	≥75	°C	Measured in oil, 10 N Method VST/A
Weather Absorbtion	53495	≥0.5	%	
Specific Insulation Resistance	53482	10^15	Ohm cm	
Dielectric Strength	53481	11	kV/mm	
Fire Behaviour	4102:1 NFP 92-501 BS476:7	yes yes yes	B1 M1 Class 1	Tested Class 0 - 3 x Reports 71420, 71421 & Summary Verify at Warrington Fire Research Thickness(s): 10mm