

## PLASTIC SHEET CLEAR PVC

PROPERTY	TEST METHOD	UNIT	VALUE
<b>MECHANICAL</b>			
Density	DIN 53479	g/cm <sup>3</sup>	≈1.38
Modulus of Elasticity	DIN 53457	N/mm <sup>2</sup>	≥3200
Stress at 3.5% strain	DIN 53452	N/mm <sup>2</sup>	≥80
Tensile Stress at yield	DIN 53455	N/mm <sup>2</sup>	≥70
Ball pressure Hardness	DIN 53456	n/mm <sup>2</sup>	≈140
Shore Hardness D	DIN 53505		≈130
Impact Strength	DIN 53453	KJ/m <sup>2</sup>	No rupture at 23°C
<b>THERMAL</b>			
Vicat Softening temp	DIN EN ISO 306	°C	≥67
Thermal Conductivity at 20°C	DIN 52616	W/(m-K)	-
Coefficient of Linear Expansion 20 to 60°C	DIN 53752	K <sup>-1</sup>	≈70x10 <sup>-6</sup>
<b>Electrical</b>			
Volume Resistivity VDE0303-30	DIN IEC 60093	Ω.cm	>10 <sup>15</sup>
Surface Resistivity CDE03030-30	DIN IEC 60093	Ω	>10 <sup>13</sup>
<b>OTHER PROPERTIES</b>			
Water Absorbtion	DIN 53495 method 3	Mg/cm <sup>3</sup>	≤2
Temperature Range	Classification	°C	-10 to 55
Fire behaviour	DIN 4102(D)	1 to 4mm	B1

**Technical Data Sheet**

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