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## PALRAM INDUSTRIES (1990) LTD.

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*Thermoplastic Sheets for Construction, Industry, Advertising and Agriculture*

# PALOPAQUE

## Flat PVC Sheet

### Product Description:

Profile	Flat Rigid Opaque PVC sheets
Colors	White, Light gray, dark gray
Textures	Smooth, Matte.
Thickness	1.0-15.0 mm
Width (Standard sizes)	1000x2000 mm 1220x2440 mm 1500X3000 mm
Service temp.	-20 – 50°C

- Custom colors and sizes are available upon request, possibly subject to minimum order size.

### Typical Properties:

Property	(Method)	Conditions	Unit	Value
Specific gravity	(D-1505)		g/cm <sup>3</sup>	1.4
Heat deflection temperature	(D-648)	1.82 MPa	°C	65-68
Service temperature range			°C	-20 -50
Thermal conductivity	(C-177)		W/mk	0.15
Coefficient of linear thermal expansion	(D-696)		/°C	6.7 X 10 <sup>-5</sup>
Impact strength	(ISO 6603/1)		J	95
Tensile strength at yield	(D-638)	10 mm/min	MPa	52
Tensile strength at break	(D-638)	10 mm/min	MPa	40
Elongation at break	(D-638)	10 mm/min	%	75
Modulus of elasticity	(D-638)	1 mm/min	MPa	2900
Flexural strength	(D-790)	1 mm/min	MPa	80
Flexural modulus	(D-790)	1 mm/min	MPa	3050
Rockwell hardness	(D-785)		R scale	97
Dielectric strength	(D-149)	500 V/s	KV/mm	>50