



Palopaque Flat Rigid PVC Sheet

Palopaque rigid, opaque flat PVC sheets from Palram, a leading manufacturer of PVC and polycarbonate sheets, are suitable for a wide variety of applications. Palopaque sheets are readily formed and fabricated.

Features at a Glance

- Easy to thermoform and bend
- Resistant to chemical and corrosive environments
- Highest fire rating
- Glossy or matt surface
- Excellent electrical and thermal insulation
- High impact strength
- Weather resistant
- Comply with international standards
- Easy fabrication
- Installation with conventional tools
- No special handling required

Applications

- Construction
- Chemical Process industries
- Laboratories
- Advertising
- Sign-making
- Wall cladding
- Food grade available upon request

The Palopaque Product Line

Palopaque – Standard flat sheet

Palopaque UV – Flat sheet that is UV protected for external use

Palopaque UV TF – Flat sheet that is UV protected, intended for thermoforming products for external use

Typical Properties	Units	Values
Density	g/cm ³	1.4
Tensile Strength at Yield	MPa	52
Tensile Strength at Break	MPa	50
Elongation at Break	%	75
Tensile Modulus	MPa	2900
Flexural Strength	MPa	80
Flexural Modulus	MPa	3050
Izod Impact Strength Notched	J/m	122
Impact Falling Weight	J	95
Rockwell Hardness	R	97
Service Temperature Range	°C	0 – 50
Heat Deflection Temperature (1.82 MPa)	°C	65 – 68
Coefficient of Linear Thermal Expansion	°C	6.7 x 10 ⁻⁵ /
Thermal Conductivity	W/m K	0.15

Flammability	Thickness	Method	Classification
Germany	all	DIN 4102	B-1
United Kingdom (UK)	all	BS 476/7	Class 1
France	all	NSP 92501, 5	M-1
Italy	all	CSE RF 3/77	Class 1
United States	all	UL 94	V-0
United States	all	ASTM D-635	SE