

DATASHEET

PALOPAQUE

Palopaque is a fire rated and food approved material that offers the most effective method of producing a complete hygienic and hard-wearing environment. Palopaque PVC sheet also has excellent chemical resistance, good temperature range, and is easily cut, formed, glued, and welded.

Applications

- Kitchens
- Bathrooms
- Gymnasiums
- Dental Practices
- Hospitals
- Cleanrooms

Benefits

- Effective hygienic wall protection
- Fire rated – self-extinguishing
- High chemical resistance
- Good temperature range (+60 to -0°C)
- Cost effective and easy to install
- High chemical resistance
- Food contact approved

Typical Properties

Property	Method	Conditions	Units	Value
Density	D-792	-	g/cm ³	1.4
Heat Deflection Temperature	D-648	182MPa	°C	65-68
Service Temperature	-	-	°C	-10 to +50
Thermal Conductivity	C-177	-	W/mK	0.15
Coefficient of Linear Thermal Expansion	D-696	-	Cm/cm °C	6.7x10 ⁽⁻⁵⁾
Rockwell Hardness	D-785	-	R Scale	97R
Tensile Strength at Yield	D-638	10mm/min	MPa	50
Tensile Strength at Break	D-638	10mm/min	MPa	45
Elongation at Yield	D-638	10mm/min	%	3
Elongation at Break	D-638	10mm/min	%	>80
Tensile Modulus of Elasticity	D-638	1mm/min	MPa	2900
Flexural Strength	D-790	1.3mm/min	MPa	80
Flexural Modulus	D-790	1.3mm/min	MPa	2700
Impact Falling Weight	ISO-6603	3mm	J	95

Flammability

Standard	Classification
EN 13501	B, s3, d0
BS476/7	Class 0
ASTM E 84	Class A