



## Palclad® Pro / Palclad® Pro HYG

Material: PVC Wall Cladding

Updated: 03.19.20 CBR

**Notes:** Solid PVC panels and accessories for interior wall cladding projects

Conditions, units and values in U.S. Customary units are presented in the table within parentheses. All the results depicted in this table were obtained by following the indicated ASTM method except where another method is indicated by the appearance of this symbol (b).

Property	Conditions (U.S. Customary)	ASTM Method	Units - SI (U.S. Customary)	Value (U.S. Customary)
<b>Physical</b>				
Density		D-792	g/cm <sup>3</sup>	1.4
<b>Mechanical</b>				
Tensile strength at yield	10 mm/min	D-638	MPa	50
Tensile strength at break	10 mm/min	D-638	MPa	>80
Tensile Modulus of Elasticity	1 mm/min	D-638	MPa	2900
Flexural Modulus	1.3 mm/min	D-790	MPa	2700
Flexural Strength	1.3 mm/min	D-790	MPa	80
Impact Falling Weight	3 mm Sheet	ISO 6603/1 E50	J	95
Rockwell Hardness		D-785	R scale	97R
<b>Thermal</b>				
Service Temperature			°C	-10 to +50
Heat Deflection Temperature	Load: 1.82 Mpa	D-648	°C	65 - 68
Coefficient of Linear		D-696	cm/cm °C	6.7 x 10 <sup>-</sup>
Thermal Expansion				