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Rigid PVC (Polyvinyl Chloride)

DESCRIPTION:

Rigid PVC provides a good balance of stiffness, impact resistance, UV stability and inherent UL flame performance. Available in various standard colors including white, beige, grey & natural.

PROPERTY	TYPICAL VALUE	UNITS	ASTM METHOD
PHYSICAL			
Shore Hardness	79	D scale	D-2240
Specific Gravity	1.46		D-792
MECHANICAL			
Flexural Modulus	422,000	psi	D-790
Flexural Strength	11800	psi	D-790
Tensile Strength	6010	psi	D-638
Tensile Modulus	433,000	psi	D-638
Notched Izod Impact @ 23°C	23.3	ft-lb/in	D256A
THERMAL			
Heat Deflection Temp 0.125 in @ 264 psi	163	° F	D-648
Coefficient of Linear Thermal Expansion	3.6×10^{-5}	in/in/°F	D-696
FLAMMABILITY			
Flame rating – UL at 0.0354”	V-0		UL 94

The information provided above is based on typical values, and is believed to be reliable. No warranty is given as to the suitability of the product for a particular application. Determination of the suitability of this product for any use is solely the responsibility of the user.