

# FLAMETEC® CLEANROOM PVC-C

## FLAMETEC® CLEANROOM

PVC-C sheet material is designed to meet FM 4910. It provides outstanding chemical and flame resistance, making it the go-to product for the construction of wet benches, process tools, and cleanroom furniture and cabinetry.

## APPLICATIONS

Wet process equipment, cleanroom furniture and cabinetry, quartz cleaners, chemical delivery systems, chemical drum cabinets

## TYPICAL PROPERTIES\*

PROPERTY	TEST METHOD	UNITS	VALUES
<b>PHYSICAL</b>			
Specific Gravity	ASTM D 792	-	1.53
Water Absorption	ASTM D 570	%	0.03
Shore Durometer	ASTM D 2240	D	76
Cell Classification	ASTM D 1784	-	23444
<b>MECHANICAL</b>			
Tensile Strength	ASTM D 638	psi	7,190
Tensile Modulus	ASTM D 638	psi	366,000
Izod Impact	ASTM D 256	ft-lb/in	3.0
<b>THERMAL</b>			
Coefficient of Linear Expansion	ASTM D 696	in/in/°F	3.3 × 10 <sup>-5</sup>
Heat Deflection Temperature @ 66 psi	ASTM D 648	°F	190
Heat Deflection Temperature @ 264 psi	ASTM D 648	°F	173
<b>FLAMMABILITY</b>			
FM Global (Factory Mutual)	FM 4910**	-	Listed
Vertical Burn Test	UL 94**	-	V-0; 5VA

\*Typical properties are not intended for specification purposes.

\*\*Meets UL 94 criteria.

\*\*\*FM 4910 listed (1/4"-1" only).

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale.

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