



Flametec™ Cleanroom PVC-C Typical Properties

Property	Units	Value ⁽¹⁾		ASTM Method
		English	Metric	
Physical				
Specific Gravity	g/cm ³	1.55	1.55	D 792
Rockwell Hardness	R Scale	114	114	D 785
Mechanical				
Izod Impact (Notched) Tested w/grain - compression molded	@ 73°F (23°C)	3 ft-lb/in	160.2 J/m	D 256
Tensile Strength @ 0.2"/min	psi	7,000	48 MPa	D 638
Tensile Modulus @ 0.2"/min	psi	450,000	3,103 MPa	D 638
Flexural Strength	psi	12,000	83 MPa	D 790
Flexural Modulus	psi	400,000	2,795 MPa	D 790
Thermal				
Coefficient of Linear Expansion	in/in/°F	6.9×10^{-5}	12.5×10^{-5} cm/cm °C	D 696
Heat Distortion Temperature @ 264 psi	°C /°F	176°F	80 °C	D 648
Flammability Ratings				
Flammability Rating UL 2360	FPI	1.6		UL 2360
	SDI	0.06		
Flammability Rating FM 4910	FPI	2.00		FM 4910
	SDI	0.10		

¹ Physical properties of plastic sheeting are represented as "Typical". Information contained herein is considered accurate to the best of our knowledge. It is offered for your consideration and investigation, and is not to be construed as a representation or warranty expressed or implied. Our warranties are limited to those expressly stated in formal contracts or in conditions of sale on our invoices and order acceptances. Conditions and methods of use may vary and are beyond the control of Compression Polymers Corp., therefore, Compression Polymers Corp. disclaims any liability incurred as a result of the use of this product in accordance with the data contained in our physical property charts. No information herein shall be construed as an offer of indemnity for infringement or as a recommendation to use the products in such a manner as to infringe any patent, domestic or foreign.

The "Typical" properties of our plastic sheet cannot be automatically used when engineering finished components; and the fabricator or end user is responsible for insuring the suitability of our products for their specific application or end use!

Flametec™ Cleanroom PVC-C Product Availability

Color	Finish	Thickness	Width	Length
White	Smooth	1/8"-1"	48"	96"
White	Smooth	1/8"-1/2"	60"	120"