



SeaFLEX™ Datasheet

Seaflex™ PVC press polished sheets are engineered for marine, automotive convertible top windows, SUV's and jeep enclosures and offer excellent optical clarity and distortion free visibility.

Characteristics		Test Method	Requirement	Clear WP7482
Thickness		SAE J8782	1.02+- .1mm	1.04
Specific Gravity		ASTM D792	1027+- .02	1.26
Tensile	MD	ASTM D412	22.6MPa min	26.5
	CD			25.9
Elongation	MD	ASTM D412	250% min	280
	CD			305
Tear Resistance	MD	ASTM D1004	500 pound/inch min	655
	CD			646
Hardness		ASTM D2240	92+-5	92
Flexibility Low Temp.		SAE J23-23 Dec C Method A2* Mandrel	No Crack	OK
Flexibility Room Temp		ANSI Z26.1 Test 22	No Crack	OK
Dimensional Stability	MD	ASTM D1204	4% Max	11/2
	CD			11/2
Haze		ASTM D1003	4% Max	1.3
Luminous Transmission		ASTM D26.1 Test 2	70% Max	84.6
Volatile Loss		ASTM D1203	4% Max	OK
Flammability		ANSI Z26.14 Test 3	161mm2/ second max	OK
Chemical Resist - Non Stressed		ANSI Z26.1 Test 19	No tackiness or loss of transparency	OK
Chemical Resist - Stressed		ASNI Z26.1 Test 20	No tackiness of loss of transparency	OK
Heat Resistance		7 Day @ 80Deg C		
Tensile	MD	ASTM D412	20.3 Mpa min	24.9
Tensile	CD			23.6
Elongation	MD	ASTM D412	225% Min	290
	CD			310
Low Temp		SAE J323-23 Deg C 2* Mandrel	No crack	OK
Odour	Dry	ESTP F-014 6.26	2 or higher	4
	Wet			4
Blocking		ESTP F-01 6.21	Slight blocking or better	OK
Weatherometer		ANSI Z26.1	No more than 5% loss of transmission	OK
Sheet size		254cm x 127cm		
		Clear 0.50mm		
		Clear 1.0mm		
Colours		Green Tint 1.0mm		

Product Performance and Suitability: All of the descriptive information and recommendations for use of this product shall only be used as a guide. Furnishing such information in no event constitutes a warranty of any kind. Buyers shall independently test and determine the suitability of the material for the purpose for which it is intended. No one is authorised to give any warranty, guarantee or make any representation in addition or contrary to the above.