



FOAMACELL™
P V C S H E E T

TECHNICAL SHEET

Hoja Técnica

Foam PVC Sheet

PVC Espumado

Testing	Unit	Testing Results	Product Information
<u>Physical</u>			<u>Product</u>
Density	g/cm ³	0.5-0.7	Polyvinyl Chloride
Hardness Shore	D	>60	Foam PVC
Oxygen Ratio	%	>35	Registered Tradename:
Water Absorption	%	>1.5	" Foamacell"
<u>Mechanical</u>			<u>Density Available</u>
Tensile Strength	Mpa	>10-15	0.55 g/cc
Breakage Elongation	%	>10-15	0.65 g/cc
Elasticity Modulus	Mpa	>600	0.70 g/cc
Bending Intensity	Mpa	12-18	
Impacting Intensity	KJ/m ²	>15	<u>Thickness</u>
Flexural Strength	Mpa	>32	1 mm thru 25 mm
Compressive Strength @10% Deformation	Mpa	>6.5	<u>Width</u>
			matte finish
			1220 mm or 48 inches
<u>Electrical</u>			<u>Length</u>
Dielectric Strength	KV/cm	≥ 90	matte finish
			2440 mm or 96 inches
			3050 mm or 120 inches
<u>Thermal</u>			matte finish
Vicat Softening Temperature	° C	73-76	1560 mm x 2440 mm
Coefficient of Linear Expansion	mm/m ° C	0.08	61 inches x 96 inches
Thermal Conductivity	W/m K	0.05-0.07	1560 mm x 3050mm
			61 inches x 120 inches
<u>Flammability</u>			<u>colors</u>
Smoke Density MSD	%	68.33	White, Black, Red, Green
Fire Resistance	Self extinguishing		Yellow, Blue, Gray and more
MSDS	less than 5 seconds		



Making The World Smaller

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