

PVC Foam Board XPlac

TYPICAL PHYSICAL PROPERTIES*	NUITS	Index
Physical		
Density	g/cm ³	0.45-0.8
Water Absorption	%	1.5
Hunter Whiteness Index	-	75
Surface Energy	Dyne	35
Hardness	Shore D	45-75
Mechanical		
Tensile Strength	MPa	12--25
Bending Intensity	Mpa	12--18
Bending elasticity Modulus	Mpa	800--900
Compressive strength	N/MM ²	60--80
Elongation at break	Mpa	15--18
Thermal		
Heat Deflection Temp	°F	180
Vicat Softending Point	°F	168
Coefficient of Linear Expansion	°F	2.3 X 10 ⁻⁵
Thermal Resistance R	R	0.948
Flammability Ratings		
Flame Spread Index	-	B2
Vertical Burn Test	-	V-0
Fire Foam Test	-	Passed/Classfied
Fire Resistance		Self-extinguishing in five seconds

MAIN COMPONENT	WT %
POLY VINYL CHLORIDE RESIN	≥55%
CALCIUM CARBONATE	≤ 30-35%%
CONDITIONING ADDITIVES	5%-10%
FOAMING ADDITIVES	
STABILIZING ADDITIVES	
BRIGHTENER/TONER	
PROPRIETARY ADDITIVES MIXTURE	

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