



Property	Unit	Ref. Standard	Value
Physical			
Density	g / cc	DIN 53479	0.60
Hardness	Shore 'D'	DIN 53505	40
Water Absorbtion	%	DIN 53495	<0.1
Mechanical			
Tensile Strength	MPa	DIN 53455	> 45
Elongation	%	DIN 53455	> 60
CHARPY Impact Strength	KJ/M ²	DIN 53253	> 7.5
IZOD Impact Strength	KJ/M ²	DIN 53253	> 9
Thermal			
VICAT (B/50)	°C	DIN 53460	> 67
Flammability			
Country			
UK	-	In process	
USA	-	UL 94	94 V - O
France		In process	

Standard Dimensions and Colour				
Layer Colour	Core Colour	Thickness	Width	Length
White (Option: Double sided / one sided)	Black	3, 5 & 10 mm	1220 & 1560 mm	2440 & 3050 mm

Tolerance on dimensions		
Length	Width	Thickness
- 0, + 10 MM	± 5 MM	± (0.1 + 0.05 x S) <i>Where S = Thickness of sheet</i>

Masking
Polyethylene masking on one side / both sides on request

EX-CEL PVC Environmental Foam Sheet is free of Lead, Cadmium and Barium metals.