



Clear PVC Shapes Physical Properties		
GENERAL	Value	Test Method
Cell Classification	12454	ASTM D1784
Maximum Service Temp.	140°F	
Color	Transparent	
Specific Gravity, (g/cu.cm @ 73°F)	1.33	ASTM D792
Hardness, Shore D	84	ASTM D2240
MECHANICAL		
Tensile Strength, psi @ 73°F	7,260	ASTM D638
Tensile Modulus of Elasticity, psi @ 73°F	392,000	ASTM D638
Flexural Strength, psi @ 75°F	12,000	ASTM D790
Flexural Modulus, psi @ 75°F	389,000	ASTM D790
Compressive Strength, psi @ 75°F	8,300	ASTM D695
Compressive Modulus, psi @ 75°F	307,000	ASTM D695
Izod Impact notched - Method A, with Grain-Comp. Molded, .125 in. bars, 73°F	8.0 ft-lbs./in.	ASTM D256
Izod Impact notched - Method A, against Grain-Comp. Molded, .125 in. bars, 73°F	2.0 ft-lbs./in.	ASTM D256
THERMAL		
Coefficient of Linear Expansion (in/in/°F)	4.1 x 10 ⁻⁵	ASTM D696
Heat Distortion Temp., Unannealed, 264 psi, .125 in. Bars	154°F	ASTM D648
FIRE PERFORMANCE		
Flammability Rating	V-0	UL-94

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