

# PVC Sheet- grey color - type1(standard) & type 2 (higher impact)

Also available clear and white in select thicknesses

## Excellent resistance against:

- Mineral acids
- Alkalis
- Alcohols
- Most inorganic solutions & fumes

## Not Recommended with:

- Ketones
- Aromatic Hydrocarbons
- Chlorinated Solvents

## Features:

- Resistant to chemical and corrosive environments
- Excellent electrical & thermal insulation
- Weather resistant
- High fire rating
- Fabricate with standard tools
- Thicknesses from 1/16" to 3"
- Sheet size 4ft x 8 ft

# Typical Properties- Type 1 PVC sheet

## Physical

	ASTM#	Value
Density	D-792	1.4 gm/cm <sup>3</sup>
Water Absorption	D-570	less than .07%
Rockwell Hardness	D-785	115 R scale
Shore Durometer	D-2240	80D

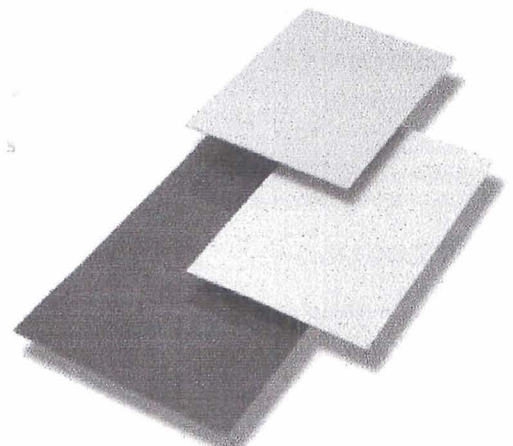
## Mechanical

Tensile strength	D-638	7400 psi
Flexural Modulus	D-790	approx. 400000 psi
Flexural strength	D-790	12000 psi
Izod Impact strength	D-256	1-3 ft lbs (notched)
Shear strength	D-732	9200 psi
Hardness Shore D	D-2240	82
Compressive strength	D-695	10,800 psi
Water Absorption	D-570	.032%(24 hrs)

## Thermal

Vicat Softening Point	D-1525	85 degrees C
Heat Deflection Temp	D-648	145-155 degrees F
Vertical Burn Test	UL-94	V-O
Thermal Expansion	D-696	.00295 in/in/degrees C

- Normal impact
- Standard sheet size is 48 x 96 inches
- Color is dark grey
- Conforms to ASTM D-1784



# Typical Properties- Type 2 PVC sheet

## Physical

	ASTM#	Value
Density	D-792	1.35 gm/cm <sup>3</sup>
Water Absorption	D-570	less than .07%
Rockwell Hardness	D-785	115 R scale
Shore Durometer	D-2240	80D

## Mechanical

Tensile strength	D-638	5600 psi
Flexural Modulus	D-790	approx. 320000 psi
Flexural strength	D-790	8000 psi
Izod Impact strength	D-256	10-15 ft lbs (notched)
Shear strength	D-732	6500 psi
Hardness Shore D	D-2240	80
Compressive strength	D-695	8000 psi
Water Absorption	D-570	.056%(24 hrs)

## Thermal

Vicat Softening Point	D-1525	85 degrees C
Heat Deflection Temp	D-648	160 degrees F
Vertical Burn Test	UL-94	V-O(1/32" th)
Thermal Expansion	D-696	.000032 in/in/degrees C

- High impact-high corrosion resistant
- Standard sheet size is 48 x 96 inches
- Color is medium grey
- Conforms to ASTM D-1784 class 16344B

