

IDENTITY AND MATERIAL PROPERTIES SHEET

Identity : PVC (Polyvinyl Chloride) is a film mixture in which all components are encapsulated in the PVC film.
Ingredients in formula include OSHA PEL, ACGIH TLV, others are limited

Standard

| <u>Property</u> | <u>Values</u> | <u>Units</u> | <u>ASTM Method</u> |
|-----------------------------|---------------|---------------|--------------------|
| Hardness | 79A | Points | D2240 |
| Tensile Strength | 2400 (16.5) | PSI (MPa) | D412 20"/min |
| Ultimate Elongation | 350 | % | D412 20"/min |
| 100% Modulus | 1400 (9.6) | PSI (MPa) | D412 20"/min |
| Graves Tear | 440 (77) | Lbs/in (Kn/M) | D1004 |
| Brittleness Temp. | -35 (-31) | C (F) | D746 |
| Clash Berg Stiffness @ -35C | 43,000 (296) | PSI (MPa) | D1043 |

USDA Low Temp

| <u>Property</u> | <u>Values</u> | <u>Units</u> | <u>ASTM Method</u> |
|---------------------|---------------|---------------|--------------------|
| Hardness | 75 | Points | D2240 |
| Tensile Strength | 2400 | PSI (Mpa) | D412 20"/min |
| 100% Modulus | 1000 | PSI (Mpa) | D412 20"/min |
| Graves Tear | 275 (77) | Lbs/in (Kn/M) | D1004 |
| Ultimate Elongation | 375 | % | D412 20"/min |
| Brittleness Temp. | - 47 | C | D746 |

Melting Point: 300 (F)

Specific Gravity: (H20-1) 1.15-1.6

Protective Clothing or Equipment: Not necessary

Waste Disposal Method: Landfill or other approved disposal method in accordance with any applicable under resource conservation and Recovery Act.

Effects of Overexposure: The material poses no health hazards at ambient temperatures when used as intended in product design.

Appearance and odor : Clear, Tinted and Opaque. Mild odor.

The material has a UV inhibitor to resist cracking and yellowing from sunlight and therefore can be used both outdoors and indoors given its excellent overall weathering properties.

This information herein is believed to be reliable but no representation, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained there from. The information is based on laboratory work with small scale equipment and does not necessarily indicate end product performance. Full scale testing and product performance are the responsibility of the user. Strip-Curtains.com shall not be liable for and the customer assumes all the risk and liability of any use or handling of any material.