

## **MECHANICAL PROPERTIES:**

THICKNESS OF FILM (MIL)	4
TENSILE STRENGTH AT BREAK (MD/TD)	>1900 KG/CM <sup>2</sup>
ELONGATION AT BREAK MD	>150%
PEEL STRENGTH	ABOVE 3.275 KG/Inch
IMPACT TEST BS6206 FOR CLASS 'B'	PASSES

## **SOLAR PROPERTIES:**

% VISIBLE LIGHT TRANSMITTANCE	90
SHADING COEFFICIENT	0.98
EMMISSIVITY	0.89
U FACTOR	1.12
% ULTRA VIOLET TRANSMITTANCE	< 2
% TOTAL SOLAR ENERGY REJECTED	13

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL Standards. All value as applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

**100 MIC SAFETY**

## **MECHANICAL PROPERTIES:**

THICKNESS OF FILM (MIL)	7
TENSILE STRENGTH AT BREAK (MD/TD)	>2000 KG/CM <sup>2</sup>
ELONGATION AT BREAK MD	>170%
PEEL STRENGTH	ABOVE 3.25 KG/Inch
IMPACT TEST BS6206 FOR CLASS 'A'	PASSES

## **SOLAR PROPERTIES:**

% VISIBLE LIGHT TRANSMITTANCE	91
SHADING COEFFICIENT	0.98
EMMISSIVITY	0.88
U FACTOR	1.12
% ULTRA VIOLET TRANSMITTANCE	< 2
% TOTAL SOLAR ENERGY REJECTED	15

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL Standards. All value as applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

**175 MIC SAFETY**