

# Capran 980 Heat Stabilised Nylon 6 Flat Cast Film

- Heat stabilised nylon 6 flat cast film
- Flat cast film has very low shrinkage and a highly uniform film thickness, making it an ideal bagging material for advanced composite fabrication, by vacuum bag or autoclave techniques

## PHYSICAL PROPERTIES

• Maximum Use Temperature	199°C
• Colour	Transparent
• Tensile Strength	110 MPa
• Yield Strength	34 MPa
• Elongation	375%
• Shrinkage	<2% (0.5hr @ 149°C)
• Tear Strength	90g/layer
• Flammability	Self extinguishing melts
• Crystalline Melt Point	218 - 220°C (Test method: Hot stage microscope)

## AVAILABILITY & PACKAGING

• Thickness	0.050mm, 0.075mm & 0.100mm
• Pack Size (nominal)	45Kg
• Yield (nominal)	17.4 m <sup>2</sup> /Kg (0.05mm)

## STANDARD WIDTHS

- Various widths are available from stock

## STORAGE & HANDLING

- All nylon films absorb water. The higher the moisture content the more flexible they become, conversely at low moisture levels flexibility is reduced. Capran 980 is despatched with an optimum moisture content to provide maximum performance and handleability. To preserve these characteristics, during storage the roll should be wrapped in polyethylene and stored at around 65% RH and 20°C

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