

# Capran 518 Heat Stabilised Nylon 6 Blown Tubular Film

- A green transparent heat stabilised, blown nylon 6 film
- It has excellent elongation and heat ageing characteristics having been successfully used at pressures of 7 Bar (100psi) and temperatures of up to 200°C for several hours
- A Caprolactam level of less than 1% makes it an ideal choice for most vacuum bagging applications
- It is available both as lay flat or slit tube, and in sheet form

## PHYSICAL PROPERTIES

• Maximum Use Temperature	204°C
• Colour	Green
• Tensile Strength	112 MPa
• Yield Strength	28 MPa
• Elongation	375%
• Shrinkage	<2% (0.5hr @ 149°C)
• Tear Strength	130g/layer (ASTM D1922)
• Flammability	Self extinguishing melts
• Crystalline Melt Point	218 - 220°C (Test method: Hot stage microscope)

## AVAILABILITY & PACKAGING

• Thickness (nominal)	0.050mm & 0.076mm standard
• Pack Size (nominal)	45Kg & 4Kg small width
• Yield (nominal)	17.4 m <sup>2</sup> /Kg

## STANDARD WIDTHS

- A wide range of tube and sheet 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 518 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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