

## PRODUCT INFORMATION

# PVOH

## PRODUCT DESCRIPTION

PVOH is a hot water-soluble general purpose PVOH film. With high elongation, PVOH performs well in moulding and vacuum bag operations. The maximum use temperature is 275 F (135 C). Standard thicknesses are 38 micron (1.5 mil), 51 micron (2.0 mil) and 76 micron (3.0 mil).

## PRODUCT PROPERTIES

*Typical Properties @ 23°C (73°F) and 50% RH*

CHARACTERISTICS	ENGLISH	METRIC
Tensile strength (ASTM D882, ISO 527)	7300 psi	50.3 N/sq mm
Modulus, 100% (ASTM D882, ISO 527)	3400 psi	23.4 N/sq mm
% Elongation (ASTM D882, ISO 527)	450%	450%
Tear resistance (ASTM D882, ISO 527)	140g/mil	5.5 kg/mm
Yield (ASTM D4321) for 38 micron (1.5 mil) film	Na sq in/lb	Na sq m/kg
<i>Values are dependent on moisture content and film thickness</i>		

## EQUILIBRIUM MOISTURE CONTENT

CONDITIONS	WEIGHT (%)
@50% RH, 23°C (73°F)	6.0