

## COMPOUND: 9101

PRODUCT: INFUFLEX BARRIER

MAIN POLYMERS: PE, EVOH

MAIN APPLICATION AREAS:  
Biotechnology applications, high oxygen barrier

PHYSICAL PROPERTY*	DIMENSION	VALUE	PROCEDURE
Haze	%	5	ASTM D-1003
Clarity	%	98	ASTM D-1003
Transmittance	%	93	ASTM D-1003
Tensile strength at break	MPa	14	ASTM D-882
Elongation at break	%	280	ASTM D-882
Elastic Modulus	Mpa	370	ASTM D-882
Break at cold temperature	°C	below -45	ISO 8570
Density	g/cm <sup>3</sup>	0.9	ASTM D-792
Water vapor transmission rate	g/(m <sup>2</sup> .day)	0.4 (23°C)	ASTM F-1249
Oxygen permeability	cm <sup>3</sup> /(m <sup>2</sup> .day.bar)	0.1 (23°C, 0% RH)	ASTM D-3985
Carbon dioxide permeability	cm <sup>3</sup> /(m <sup>2</sup> .day.bar)	< 0.2 (23°C, 0% RH)	Mocon Permatran C-IV

Film thickness: 0.325 mm  
 Film width: 850 mm  
 Recommended sealing method: Heat sealing  
 Recommended sterilization method: Gamma  
 Formulation characteristics: -  
 Multi layer structure  
 - Inert PE fluid contact layer  
 - No animal derived ingredients

\*Gauge test film 0.325 mm