

COMPOUND: 5550

PRODUCT: VinylPak

MAIN POLYMERS: PVC

MAIN APPLICATION AREAS:
IV Solutions Bags

PHYSICAL PROPERTY*	DIMENSION	VALUE	PROCEDURE
Tensile strength at break	N/mm ²	25	ASTM D-882
Elongation at break	%	300	ASTM D-882
Elastic Modulus	Mpa	10	ASTM D-882
Shore A durometer Hardness		86	DIN 53505
Break at cold temperature	°C	-28	ISO 8570
Density	g/cm ³	1.24	ASTM D-792
Water vapor transmission rate	g/(m ² .day)	4.9 (23°C)	ASTM F-1249
Oxygen permeability	cm ³ /(m ² .day.bar)	440 (23°C, 0% RH)	ASTM D-3985
Carbon dioxide permeability	cm ³ /(m ² .day.bar)	2800 (23°C, 0% RH)	Mocon Permatran C-IV
Film thickness:	0.35mm		
Film width:	850 mm		
Recommended sealing method:	RF/HF		
Recommended sterilization method:	ETO/Steam		
Formulation characteristics: -	- No animal derived ingredients		