

PVC COLOURING COMPOUNDING & PROCESSING

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HEAT SHRINKABLE FILM

		Film	Crosslinked Film	PVC
Characteristics	Units	method ASTM		
Thickness	µm	D374C	15	18
Density	g/cc	D1505	0.932	1.3
Grammage	g/m ²	(DIN53352)	14.0	23.4
Yield	m ² / kg	(DIN53352)	71.5	42.7
M.P.	⁰ C	(DSC)		
Vicat	⁰ C	D1525		113
Modulus L/T*	kg/ mm ²	D882A	40	80
	N/mm ² Mpa	D882A	400	800
elongation L/T	%	D882A	130	73-150
tensile @ break L/T	kg/ mm ²	D882A	11	5
	N/mm ² Mpa	D882A	110	50
CoF din		D1894/ B-63	0.25	
permeability O2	cc/d*m ² atm	D1434-D3985	9500	1180
permeability CO2	cc/d*m ² atm	D1434	26500	
permeability H2O	g/d*m ²	E96/66	23	10
free shrink L/T	% air@120 ⁰ C X 5'		65/65	40
Haze	%	1003A	1.8	4.4
gloss *	%	D2457	135	81

Legend : T = TerpolymerPP L= LLDPE C = CopolymerPP H = HomopolymerPP

* The Value depends on used methodology and are gives as reference value only

All Values are high dependent on both raw materials used and process conditions applied