

Pack3000

Product Technical Specifications

Product Structure:	BOPP/PE	Thickness:	70 Micron / 2.5 mil
Brand:	PermFlex		

Physical Specification:

Item	Unit	Test Method	Typical Value	Test Result	Result
Thickness Tolerance (Average)	Micron	ISO 4593	+/-5	71	Pass
Thickness Tolerance (Limit)	Micron	ISO 4593	-	69 - 72	Pass
Width Tolerance	mm	ISO 4592	0 - 2	0	Pass

Technical Specification:

Item	Unit	Test Method	Typical Value	Test Result	Result
Tensile Strength (MD)	Mpa	ASTM D882	>30	54.8	Pass
Tensile Strength (TD)	Mpa	ASTM D882	>25	52.6	Pass
Elongation (MD)	%	ASTM D882	-	55.3	Pass
Elongation (TD)	%	ASTM D882	-	63.2	Pass
Seal Strength 140 °C, 1.0 Sec, 0.2mpa	N/15mm	ASTMF 2029	-	42.6	Pass
Haze	%	ASTM D1003	-	-	Pass
C.O.F (in/in)	PE	ASTM D1709	-	US: 0.210 UK: 0.220	Pass
C.O.F (out/out)	PE	ASTM D1709	-	US: 0.230 UK: 0.190	Pass
OTR	cc/m ² /day	GB/T 19789	-	4200	Pass
WVTR	g/m ² /day	GB/T 26253	<8	8.9	Pass
Visual Check	Pass				
Test Conditions	23°C / 52% RH				