

## Highland Barley Paper

Product description	Green shell paper is a kind of soft composite material, which is made of polyester film coated with adhesive and one side bonded with wood pulp insulating paper.								
Product application	It is widely used in electrical equipment, and is suitable for slot-to-slot, turn-to-turn insulation, and gasket insulation of Class B motors.								
properties									
<div>Product model</div> <div>Technicl Parameters</div>	P7015	P7017	P7020	P7025	P7030	P7050	P7015F	P7020F	P7025F
Total thickness[mm]	0.15	0.17	0.2	0.25	0.3	0.5	0.15	0.2	0.25
Nominal grammage[g/m <sup>2</sup> ]	155	180	210	255	300	600	155	210	255
Film nominal thickness[um]	25	25	25	25	25	25	25	25	25
Tensile strength (MD) [N/10mm]	≥100	≥110	≥120	≥120	≥150	≥150	≥100	≥120	≥120
Tensile strength (TD) [N/10mm]	≥70	≥75	≥80	≥95	≥105	≥105	≥70	≥80	≥95
Elongation At Break (MD) [%]	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
Elongation At Break (TD) [%]	≥8	≥8	≥8	≥8	≥8	≥8	≥8	≥8	≥8
Electric breakdown voltage [KV]	≥2	≥3	≥4	≥5	≥5.5	≥6	≥2	≥4	≥5
Bond strength at 120± 2℃, 10Min	No delamination,no blister,no adhesive flow								
Storage and shelf life	It is recommended to store in a clean and dry place, away from direct sunlight to prevent damage to the packaging, and to avoid storing with volatile solvents. Store at 25±5° C and humidity at 50±5%.								