

# BODY GARD VIP

Basic parameters	Test Method	Specification	unit	Test result
Color	Visual Inspection	Transparent	/	Transparent
Top PET Film Thickness	GB/T 6672-2001	50±2	µm	50
Liner PET Film Thickness	GB/T 6672-2001	85±3	µm	87
Products Total Thickness	GB/T 6672-2001	1855±5%	µm	188
Surface permeability resistance	MG-2110 Mark pen 10 seconds, alcohol wipe	slight/no trace	/	No trace
Hot self-healing	Brass brush 10 times, 50 - 70 deg * C hot water 1min	100% self-healing	/	100% self-healing
Gloss	Gloss Meter 60 deg	>= 90	/	92.6
Thermal self-healing	Brass brush 10 times, 50-70°C hot water 1min	100% self-healing	/	100% self-healing
Acrylic layer peeling force/20min	GB/T 2792	>600	gf/inch	2059
Acrylic layer peeling force/24h	GB/T 2792	>1000	gf/inch	2254
Tear strength	GB/T 529	≥40	KN/m	101.6
Elongation at break of coating	GB/T 1040.1	>80	%	118
Tensile Strength	GB/T 1040.1	>15	Mpa	20.6
Elongation at break of PPF	GB/T 1040.1	200	%	309.4
100% modulus	GB/T 1040.1	>6	Mpa	9.0