

TECHNICAL DATA SHEET ELEVATING PERFORMANCE.					
Model:TPU - K 7 5 D a t e : 2024,02,27					
PROPERTY	ITEM	UNIT	Specification	Test Value	Test Method
Physical	Top Film Thickness	um	50±2	52	ASTMD374
	Products Total Thickness	um	187±10	191	ASTMD374
	Liner film thickness	um	75±3	77	ASTMD374
Optical	Gloss	—	/	95.3	Gloss meter @60°
	UV rejection	%	>90	95.8	Ls162 Test meter
Weather resistance	QUV ageing resistant	—	△E*ab<2	PASS	ASTM G154-16 Circulation 1
Top coating	Hydrophilic/hydrophobic	—	hydrophobic	hydrophobic	water
	Surface permeability resistance	—	Slight/no trace	Slight trace	MG-2110 Mark pen,10safter alcohol wipe
	ordinary temperature self-healing	—	100%self- healing	100%	Brass brush 10 times.ordinary temperature 1second
Stripping force	Acrylic layer peeling force/20min	gf/inch	>600	1795	GB/T 2792
	Acrylic layer peeling force/24h	gf/inch	>1000	2276	GB/T 2792
Mechanical	Elongation at break of coating	%	>70	150	GB/T1040.1
	Tensile Strength	Mpa	>15	22.51	GB/T1040.1
	Elongation at break	%	≥200	320.99	GB/T1040.1
	100%modulus	Mpa	>5	6.15	GB/T1040.1
Remark: 1.Total thickness means:top coating+TPU film+adhesive 2.QUV the aging resistance test duration is 2000h					