

CARBON

FEATURES

- High Glossy
- Good Ductility for easier application
- Durable, Self-healing
- Safely removable, no adhesive residual

PRODUCT STRUCTURE

Material	Aliphatic TPU
Adhesive	Pressure Sensitive
Protection Film	50um
Top Coating Layer	6.5um
Polyurethane	130um
Color Layer	30um
Adhesive	25.4um
PET liner	50um

**The total thickness of the product layer fluctuates by 5%.

Property	Test Item	Test Method	Unit	Result
Optical Property	Gloss Value	OTM-3-309		≥ 90
	Surface Haze	ASTM D-1003	%	1.3
Physical Property	Tensile Strength	D-412	psi	3000
	Elongation at break	D-412	%	>340
	Taber Abrasion	ASTM D-1044	1000g weight	$\leq 3.3g$
	Weathering Properties	TEST 1 *	1000 hours	No Damage
	Chemical Resistance	5% Acid 5%NAOH 100% Alcohol Gasoline	24 hours	No Damage
Heating Resistance	80°C 2h-20°C 2h 10 cycle test		No Damage	

Test 1*: QUV using UVA bolb, 4 hours 50°C UV exposure, 4 hours 60°C condensation.

**The data in this table are laboratory data for reference only.