

ULTRA CLEAR

	Performance Test	Test Condition	Typical Values
Physical Properties	TPU		150µm
	Top Coat		9µm
	Adhesive		27µm
	Liner		75µm
	Overall Thickness (µm)		186µm
Mechanical Properties	Tensile Strength	ASTM D882	> 15 mpa
	Elongation at Break	ASTM D882	> 300%
Peel Strength	Initial Peel	20min, RT	> 400 n/m
	Normal State	72h, RT	> 400 n/m
	After Water Immersion	400h, 40 °C	> 400 n/m
	After Accelerated Weathering	2000h, QUV	> 400 n/m
Aging Test	Heat Aging	16 days, 80°C	NDE
	Water Immersion	400h, 40°C	NDE
	Accelerated Weathering	2000h, QUV	NDE
	Boiling Water	5 min	NDE
Gloss	Gloss	60°	> 85 GU
Stone Chip Resistance	Gravelometer	SAE J400	Pass
Solvent Resistance	Water & Soap spotting	24h	NDE
	Acid Spotting	24h	NDE
	Isopropyl Alcohol	24h	NDE
	Hexane/Toluene	24h	NDE
	Motor Oil	24h	NDE

NDE: No Detrimental Effect