

UVX-6524 Hardcoat

Description:

Low-viscosity hard coating designed to provide scratch and wear resistance, applicable via spray or inkjet printing

Applications:

Protective solutions for digital displays used in vehicles, smartphones, tablets, and computers, including applications in nanoimprint technology

Product		UVX-6524
Features		Low viscosity
Viscosity (mPa·s, 25°C)		40
Refractive index (n_D^{25})	Before curing	1.484
	After curing	1.524
Pencil Hardness JIS K5600, 750gf	PET	3H
	PC	F
	TAC	3H
	PMMA	3H
Adhesion JIS K5600	PET	Good
	PC	Good
	TAC	Good
	PMMA	Good
Scratch Resistance (Steel Wool : #0000, 500gf×100cycles)		OK

*Release film / UVX(t=10μm) / Substrate film

*Metal-halide lamp, 250mW/cm², 1,000mJ/cm² (at 365nm)

*Substrate PET : COSMOSHINE® A4300 (TOYOBO, 100μm), PC : TEIJIN PANLITE®PC-2151(125μm)
TAC : FUJITAC®TD80UL (80μm) , PMMA : KURARAY KURARITY®HI-50-75 (75μm)

 **TOAGOSEI AMERICA INC.**

1450 West Main Street
West Jefferson, Ohio 43162
Phone: 614-879-9411
Email: sales@toagosei.net
www.toagosei.com

