

Characteristics

- Low viscosity
- Excellent adhesion to a variety of substrates
- Optically Transparent
- Cures through UV absorbing substrates
- Low water absorption

UVX-6420

180° Peel Strength(N/inch)⁽¹⁾ (@23°C, 200mm/min)

PET	16
PMMA	22
PC	22
TAC	22
Polyimide	19
Glass	14

Viscosity @ 25° C	163
Tg (°C)	18
Refractive Index @ 25° C	1.491
Water Absorption:	1.7%

Water Absorption = (W2-W1)/W1X100%
W1: initial weight after drying for 24h @ 50°C
W2: weight after soaking in water for 24h @ 23°C

(1) Sample structure PET(Adhesive Type)/UV Curable Adhesives(10-15µm)/ Various Substrates

PET(Adhesive Type) : COSOMOSHINE® A4300 (TOYOBO, 50µm)

Various Substrates

PET	: LUMIRROR® T-60 : ACRYLITE® #001	(TORAY, 50µm, Non-Adhesive Type) PMMA (MITSUBISHI RAYON, 1mm)
PC	: IUPILON® NF-2000 : FUJITAC® TD 80UL	(MITSUBISHI ENGINEERING-PLASTICS, 1mm) TAC (FUJIFILM, 80µm)
Polyimide	: KAPTON® 100EN	(DU PONT-TORAY, 25µm)
Glass:	: FLOAT GLASS	(NIPPON SHEET GLASS, 3mm)

Photo Curing Conditions : Metal Halide, 160W/cm, 1,000mJ/cm²(UV-A)

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