

Low modulus and High elongation Urethane acylate

Quality Value

	UA-1138P	UA-3573AB	UA-2374PIB
Chemical name	Urethane acylate oligomer		
Appearance	Light yellow clear liquid		
APHA	10	10	10
Viscosity(mPa·s /25°C)	65,000	25,000	45,000(40°C)
Acid Value(mgKOH/g)	0.1↓	0.1↓	0.1↓
Effective Component	100%	100% (Diluted in A-IB 30%)	100% (Diluted in A-IB 26%)
*Tension strength (MPas)	0.3	2.0	5.6
*Elongation(%)	200	1000	1200
*Tg(°C) DMA	-45	-42	-38
scale	Lab	Lab	Pilot

* Blending
Photoinitiator
Omunicad TPO 1%

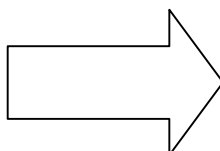
⇒ Coating
Thickness 250 μm on 50 μm PET
(cover film 50 μm PET)

⇒ UV Curing
Dose
500mJ/cm² 2Pass

⇒ Test piece



UA-237PIB Elongation



【180° Peel Adhesive :Thickness : 120μm on 50μmPET】

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Glass	N/(25 mm)	0.3	18.3	19.2
SUS-304		0.4	18.3	38.8
PMMA		2.0	12.4	44.2
PC		2.3	20.0	53.3

【Applications】

- UV optical clear adhesive (OCA,OCR)
- Surface Protection Tape

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