

PRODUCT NAME	<b>U. RESIN UP-4280C (XK-01002C)</b>			
<p>◆ USE / Characteristic</p> <p>Product used for Vacuum casting polyurethane resin</p> <p>Prototype ports with ABS aspect</p> <p>Good temperature resistance</p> <p>Quick De-molding for better productivity</p>				
Product Name	UP-4280AC		UP-4280BC	
Appearance	Colorless Liquid		Colorless Liquid	
Composition	Modified polyol		Modified MDI	
Viscosity (mPa·s)	650-750	23°C	150-200	23°C
Density	1.05-1.07	23°C	1.15-1.17	23°C
Mixing ratio	100	Weight	200	Weight
Viscosity of Mixture	20-25 °C at 200-250mPa·s			
Pot life (20-25 °C)	4.0-5.5 minuets at 25-30 °C, at 100g			
Demoulding time	30 minuets at 60-70°C, at 2-3mm			
<p>★ Typical Cure schedules</p> <p>Mold temperature: 60-70°C, liquid temperature: 25-30°C</p> <p>25-45 minuets at 60-70 °C, at 2-3mm</p>				
Typical Performance	Unites	Test Values		
Color		Transparent		
Hardness	Shore D	80-82		
Specific gravity		1.12-1.14		
Tensile Strength	MPa	83-86		
Flexural Strength	MPa	90-100		
Flexural modulus	MPa	2100-2200		
Compressive Strength	MPa	-		
Heat deflection temp	°C	93		
Elongation	%	10-14		
Impact Strength (IZOT)	J/ m	100-110 (Notched)		
Shrinkage	%	0.20		