

PRODUCT NAME	U. RESIN UES-9030				
◆ USE / Characteristic Elastomer urethane resin for vacuum casting - Hardness 90-30 Shore A					
PRODUCT NAME	UES-9030A		UES-9030B		UES-9030C
Appearance	Colorless Liquid		Colorless Liquid		White Liquid
Composition	Modified polyol		Modified MDI		Modified polyol
Viscosity (23℃) mPa s	700-900		200-250		450-500
Density (23℃)	1.05-1.07		1.10-1.20		1.05-1.07
Viscosity of Mixture	25-30 °C / 300-350mPa s (A/B)				
Pot life (25-30 °C)	6-7.5 minutes at 100g				
Demolding time	60-90 minutes at 60-70 °C, 2-3mmt				
★ Typical Cure schedules Mold temperature: 60-70℃ Liquid temperature: 25-30℃ 60-90minutes at 60-70℃, 2-3mmt+ 24 hours room temperature					
Mixing ratio and Typical Performance					
UES-9030A	Weight	100	100	100	100
UES-9030B		100	100	100	100
UES-9030C		0	50	100	200
Color		White			
Hardness	Shore A	90-92	80-82	70-72	60-62
Tensile Strength	MPa	30±2	28±1	26±2	20±2
Tearing strength	N/m	80±3	70±3	48±2	35±3
Shrinkage	%	0.3	0.3	0.3	0.35
Elongation	%	450±30	450±30	500±20	500±20
UES-9030AX	Weight	100	100	100	
UES-9030BX		100	100	100	
UES-9030CX		300	400	500	
Color		White			
Hardness	Shore A	50-55	40-45	30-35	
Tensile Strength	MPa	11±2	8±1	6±1	
Tearing strength	N/m	25±2	20±2	12±2	
Shrinkage	%	0.35	0.35	0.35	
Elongation	%	540±30	540±30	540±30	
UES-9030A crystallizes when it becomes cold .When UES-9030A is crystallizing, dissolve in the heating at equal to or less than 50 °C.					