ハイ-キャスト HEI-CAST Polyurethane Resin

VACUUM CASTING URETHANE
FOR TECHNICAL PARTS AND PROTOTYPES

The Parameter of PU8400

Basic Physical Properties

Item		Value		Remarks
Name		**8400**	**8400N**	
Appearance	A Comp.	Black	Colorless, transparent	Polyol poly
	B Comp.	Light Yellow transparent		
	C Comp.	Light Yellow transparent		
Color of Finished Article		Black	Milky white	N-type can be colored
Viscosity（mPa.s,25℃	A Comp.	600		BM-type viscometer
	B Comp.	40		
	C Comp.	900		
Specific Gravity（25℃	A Comp.	1.11		Standard proportion Cup
	B Comp.	1.17		
	C Comp.	0.98		

Mixing Ratio	A:B:C	100:100:0	100：100：50	100：100：100	100：100：150
Pot Life	25℃	5~6 minutes	5~6 minutes	5~6 minutes	5~6 minutes
Hardness	Shore A	90	80	70	60
Tensile Strength	Kg/cm 2	180	140	80	70
Elongation	%	200	240	260	280
Tear strength	Kg/cm	70	60	40	30
Elastic rebound	%	50	52	56	56
Shrinkage	%	0.6	0.5	0.5	0.4

Mixing ratio	A:B:C	100:100:200	100：100：300	100：100：400	100：100：500
Pot Life	25℃	5~6 minutes	5~6 minutes	5~6 minutes	5~6 minutes
Hardness	Shore A	50	40	30	20
Tensile strength	Kg/cm 2	50	25	20	15
Elongation	%	300	310	370	490
Tear strength	Kg/cm	20	13	10	7
Elastic rebound	%	60	63	58	55
Shrinkage	%	0.4	0.4	0.4	0.4

INSTEC