



Hei-Cast T0387

1. Description

Trial Product T0387 is a three component transparent polyurethane elastomer designed for vacuum casting.

- 1- Cured material is transparent.
- 2- Any desired hardness in a range from Shore A 30 to 80 can be obtained through the combined use of "component C" in different ratio.

2. Basic Properties

Item		Value	Remarks
Product No.		T0387	
Appearance	Comp. A	Colorless transparent	Polyol (Freezes at temp. below 15°C)
	Comp. B	Pale yellow transparent	
	Comp. C	Pale yellow transparent	Polyol
Color of Finished Article		Transparent	
Viscosity (mPa.s,25°C)	Comp. A	450	Viscometer Type BM
	Comp. B	200	
	Comp. C	700	
Specific Gravity (25°C)	Comp. A	0.99	Standard Hydrometer
	Comp. B	1.19	
	Comp. C	1.18	
Pot Life	25°C	5 min. 30 sec.	Resin 100g

Basic Properties for A80, A70 AND A60. Physical properties tested acc. to JIS K-7312

Mixing Ratio	A : B : C	100 : 95 : 0	100 : 95 : 20	100 : 95 : 30
Hardness	Shore A	80	70	60
Tensile Strenght	MPa	40	21	10
Elongation	%	300	300	300
Tear strength	N/mm	44	28	28
S. G. of Finished Article	g/cm ³	1.14	1.14	1.14

Basic Properties for A50, A40 AND A30. Physical properties tested acc. to JIS K-7312

Mixing Ratio	A : B : C	100 : 95 : 80	100 : 95 : 150	100 : 95 : 200
Hardness	Shore A	50	40	30
Tensile Strenght	MPa	4.0	2.0	1.5
Elongation	%	270	300	260
Tear strength	N/mm	17	13	10
S. G. of Finished Article	g/cm ³	1.15	1.16	1.16